

## **Appendix A**

### **Previous Investigations**

**FINAL PHASE I  
ENVIRONMENTAL SITE ASSESSMENT (ESA) REPORT  
TOR #09-DOE-0022  
1807 – 1815 NORTH KIMBALL AVENUE  
CHICAGO, ILLINOIS, 60647**

**PIN NUMBERS: 15-35-409-037/039/042**

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**CWE Project No. C0210-1328**

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## EXECUTIVE SUMMARY

### Overview

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for unimproved property located at 1807-1815 North Kimball Avenue in Chicago, Cook County, Illinois (Site). As determined from available mapping, the Site is approximately 17,875 square feet (0.41 acre) in size and is bound on three sides by single-family and multi-family residential dwelling structures and on one side by vacant land belonging to the Soo Line Railroad. Clean World Engineering, Ltd. (CWE) conducted the assessment under contract with the Chicago Department of Environment (CDOE).

The results of this assessment are based on a Site visit conducted by CWE on February 9, 2010; subsequent review of historical records including a prior Phase I ESA performed for the adjoining vacant railroad property (provided to CWE by the City of Chicago, Department of Environment for reference); an interview with a representative of the City of Chicago Department of Zoning and Land Use Planning; and contacts made through the Freedom of Information Act (FOIA) to access any records on file of environmental regulatory activity on the Site.

This assessment was performed in accordance with the American Society for Testing and Materials (Designation E-1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*) standard and the final All Appropriate Inquires Standard, a requirement stipulated by the CDOE.

### Property Description

The Site consists of vacant, unimproved land that on the day of CWE's site visit was mostly snow-covered, but exhibited no evidence of recent use or development. The Site covers approximately 17,875 square feet (as calculated from the Sanborn Fire Insurance Maps) and is listed to three Permanent Index Numbers (PINs): 13-35-409-037/039/042. The Site is essentially rectangular shaped, landlocked along three borders with main access via a driveway and sidewalk entrance off of North Kimball Avenue. Despite the snow cover, CWE was able to determine that the Site was fallow with low-lying unkempt brush and vegetation with no signs of illegal dumping, open water bodies or discernible uses. The Site is owned by the City of Chicago and is locked via a gated entrance off of North Kimball Avenue and at the truncated alley entrance at the northeast corner of the Site. A chain link fence prohibits public access onto the property. CWE noted no prominent features on the Site.

The Site is located on the near Northwest side of Chicago, Illinois, in a predominantly residential area of the city. The Site is bound on three sides, west, north and east, by single-family and multi-family dwellings, which are all at grade to the Site. The apartment buildings adjoining the west (across Kimball Avenue) and eastern boundaries have been constructed since 2002 and 2005, respectively. The single-family house adjoining the northern boundary has been present since at least the 1920s. The southern adjoining property is raised approximately 15 to 16 feet above street level and contains approximately 7,330 square feet of vacant land (according to a prior Phase I

ESA for this property) that was formerly used by the current Soo Line Railroad (formerly Chicago, Milwaukee and St. Paul Railroad) as a small rail yard. This adjoining parcel has been under private ownership since 1996/97 and the two rail spurs are twisted and rusted, and have not been used for several years. Nearby light industrial facilities to the south across Bloomingdale Avenue appear to no longer be active.

### **Brief Property History**

Based on a review of historical aerial photographs, topographic maps, Sanborn Fire Insurance Maps, information from historical records including a prior Phase I ESA for the adjoining property at 1805 North Kimball Avenue, past land uses of the Site are as follows:

According to the Sanborn Fire Insurance Maps for 1896, a single-family dwelling occupied the northern portion of the Site. The southern portion was used for lumber storage for the adjoining (east) Elsmere Lumber Company. No other structures were shown on the Site. On the 1921 map, the house is shown to no longer be present and there is an indication the rest of the Site was being used for lumber storage. From 1950 to 1994, inclusive, the Site was shown to be occupied by what appears to be small interconnecting structures used for warehousing, storage and shipping. It cannot be discerned from these references what was being stored and shipped. The prior Phase I ESA for an adjoining property stated that the Site was an extension of uses associated with the American Laundry Machinery Company and then Compco Company to the east. Though there is no specific reference on the fire insurance maps, CWE believes these structures were associated with the former occupants on the adjoining property. In addition, there appear to be no references to historical heating sources for the interlocking structures.

According to information provided by the City of Chicago, the City demolished two small structures from the Site, one in 2001 and the other in 2002/2003 and acquired the Site through foreclosure in May 2005. The Site has been vacant land since 2003.

### **Visual Inspection**

The results of our visual observations of the Site revealed no structures were present. However, miscellaneous debris was observed in small pockets throughout the property (cans, plastic, glass, some metal, wood, et. al.), which did not appear to be environmentally significant. CWE notes that there was snow cover on the day of our site visit.

### **Recognized Environmental Conditions (RECs) identified (bulleted)**

This Phase I ESA identified no RECs in connection with the subject site, except for the following:

- The former Compco Corporation light industrial facility (manufactured fluorescent light bulbs and fixtures) adjoining to the east is listed as a former small quantity RCRA generator facility. This site was formerly occupied by the Elsmere Lumber Company and American Washing Machine Company. Our FOIA inquiry with the City of Chicago identified two USTs installed on this property in 1952 - 23,000 gallon and 25,000 gallon heating oil USTs.

There is no documentation on the disposition (removal or abandoned-in-place) of these USTs. This property is not listed as a LUST facility and a new apartment building was constructed by 2006. It is CWE's opinion that long term historical uses of potentially environmental sensitive chemicals that include but are not limited to paint, oils, solvents, mercury and/or PCBs and long term operations as a manufacturing facility could have a detrimental impact on the Site.

- The possibility of urban fill being brought onto the Site from unknown sources represents a possible REC.
- The Site has a history of long term uses that include lumber storage and warehousing and storage operations assumed to be associated with the former adjoining American Washing Machine and Compco facilities.
- The potential for unregistered USTs to be present on the Site represents a REC.

CWE considered the following surrounding area properties as possible RECs:

- The adjoining LUST facility to the west and across Kimball Avenue (Humboldt Ridge Ltd. at 1800-1816 N. St. Louis Avenue) was issued a "No Further Action/No Further Remediation" (NFA/NFR) designation (from the Illinois EPA) on 12/24/2001. This site was developed with the current apartment building in 2002. State Engineering and Institutional Controls were included in the NFA/NFR designation, neither of which are considered to have an impact on the Site. In CWE's opinion, regulatory sign-off by the IEPA is sufficient grounds to not consider this adjoining property as a historical or current environmental concern to the Site.
- Two UST and one LUST facilities are located on nearby properties, but not adjoining to the Site. One of the UST facilities, at 1750 North Spaulding Avenue is also listed as a LUST facility and is located approximately 500 feet southeast of the Site. This property was issued a NFA/NFR designation on 1/4/2007. State Institutional Controls were instituted for this regulatory closure and is not considered to have an impact on the Site. This property is currently occupied by a new apartment building. The other UST facility at 1750 North Kimball Avenue, approximately 300 feet south-southwest of the Site, appears to be an inactive business. The disposition of a 6,000 gallon heating oil UST at this property is listed as abandoned in place (i.e., filled with inert material) by the OSFM in 2002. There is no corroborating spill listing at this property to consider it as a historical or current environmental concern to the Site.

## **Recommendations**

As an environmental health issue, the Site should be swept clear of all miscellaneous materials. Secondly, consideration should be given to performing a limited subsurface investigation of the upper layers of the soil; and thirdly, a radar screening (Ground Penetration Radar (GPR) and/or trenching of the Site for metal objects should be considered, particularly to determine the existence of unregistered USTs. Testing of the soils should cover a wide range of environmental parameters

## 1.0 INTRODUCTION

### 1.1 Project Overview

The purpose of this Phase I ESA is to provide the Client, the City of Chicago Department of Environment (CDOE) with a thorough examination of the Site at 1807-1815 North Kimball Avenue, Chicago, Illinois, (Site) under ASTM E-1527-05 due diligence reporting standards and USEPA's All Appropriate Inquiry (AAI) and permit the user to qualify for CERCLA liability protection and to identify any RECs associated with the Site. According to the CDOE, this parcel is being considered to be developed into park space and incorporated into the adjacent Bloomingdale Trail along the railroad right-of-way.

Clean World Engineering, Ltd. (CWE) conducted a site visit of the Site on February 9, 2010, to identify areas of potential environmental concerns in connection with the Site. An interview was conducted with Mr. Nelson Chueng, Coordinating Planner for the City of Chicago Department of Zoning and Land Use Planning, who according to the CDOE was the most knowledgeable of the Site. No other interviews were performed as documentation provided sufficient historical background of the Site in addition to information contained in a prior Phase I ESA performed in January 2007 for the adjoining parcel at 1805 North Kimball Avenue. During this reconnaissance, CWE also inspected adjoining and surrounding properties for potential environmental impacts to the Site. Historical mapping and photographs of the Site are contained in the Appendices of this report.

CWE performed this assessment, under contract to the CDOE.

The term "Recognized Environmental Condition" (REC) means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (ASTM Designation E 1527-05). Conditions determined to be *de minimis* are not recognized environmental conditions.

The term "Historical Recognized Environmental Condition" (HREC) is defined according to its definition in ASTM E 1527-05, Section 3.41.79, as an environmental condition that in the past would have been considered a recognized environmental condition, but that may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the property.

## 1.2 Property Description

The Site consists of approximately 17,875 square feet of vacant, unimproved property at 1807-1815 North Kimball Avenue (Site). The southern portion of the Site is straddled east-to-west by a concrete retaining wall that serves as an embankment wall to the raised vacant, abandoned former rail yard along the adjoining railroad right-of-way. The Site has been unused since at least the mid-to late-1990s when from the 1950s, or older, to the mid-to late-1990s, the Site was occupied by small warehouse, distribution and shipping structures, which were likely associated with the former American Washing Machine and Compco facilities adjoining to the east. The reference to “paint” on the fire insurance maps could indicate potential painting operations and/or paint storage. Prior to 1950, the property contained a single-family dwelling along its northern perimeter and was used as a lumber yard (no structure indicated). According to the CDOE, the long term plan is to develop this parcel into park space and incorporate it into the adjoining Bloomingdale Trail that traverses the length of the Soo Line Railroad right-of-way. Though our observations were limited due to the snow cover, our site visit did not reveal any obvious signs of illegal dumping or stained soils or vegetation that would constitute a REC, but would qualify under the definition of *de minimis* conditions as miscellaneous debris was observed. The Site is essentially covered with low-lying grasses, weeds and shrubs.

## 1.3 Scope of Work

Specific tasks undertaken by CWE included Freedom of Information Act (FOIA) letter requests, to the agencies stipulated by the CDOE; historical records search that complies with ASTM reporting standards; site reconnaissance; and interviews with persons knowledgeable about the Site.

Specific tasks NOT undertaken by CWE include conducting a Chain-of-Title Report, an Environmental Lien Search to determine if Activity and Use Limitations (AULs) exist, Building Inspection and all of the ASTM Non-Scope Items including but not limited to asbestos, lead-based paint, wetlands, lead in water, radon, cultural resources, mold and moisture intrusion and vapor intrusion.. No limited testing was performed for this Phase I ESA.

CWE conducted this Phase I ESA in accordance with the American Society for Testing and Materials (ASTM) (Designation E-1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*) standard and the final All Appropriate Inquires Standard. Upon authorization to proceed, CWE conducted the following activities to determine if contamination may have occurred at the Site:

- Determined the historical and present existence of storage tanks (aboveground or underground) including their locations, sizes, ages, uses, and conditions;
- Investigated the potential for contamination based on past and present uses of the Site including pesticides, road salt, solvents, anti-freezes, paints, oils, greases, fuels, etc.;

- Investigated the presence, location, and ownership of polychlorinated biphenyl (PCB)-containing or contaminated equipment, such as electrical transformers, capacitors, etc., and determined if the equipment was leaking or showed visual signs of past leakage;
- Conducted an inspection of the Site for existing or potential contamination or environmentally related damage, such as stained soils, stressed vegetation, etc.;
- Determined the potential existence of wetlands, surface water, and flood zones on the Site;
- Identified past and present uses of the Site and adjacent sites;
- Reviewed environmental characteristics of the Site from first developed use or 1940, whichever is earlier;
- Provided verbal and/or written communications with Federal, State and local environmental agencies to determine if any problems with hazardous substances were documented for the Site;
- Reviewed available information on the geologic and hydrogeologic profile of the Site; and
- Reviewed aerial photographs and other historical data from different periods.

Environmental Data Resources, Inc. (EDR) was retained by CWE to conduct a search of environmental databases, in accordance with ASTM search criteria, to determine if documentation existed related to environmental incidents at the Site or at properties in the vicinity of the Site. Freedom of Information Act (FOIA) requests were also sent to the appropriate Federal, State and local regulatory agencies as stipulated by the CDOE. CWE also reviewed Federal and State agency on-line databases for documentation regarding the Site and surrounding properties. The results of the review of the EDR report, FOIA documentation and database reviews are detailed later in this report.

The information obtained from each task was dependent on the available resources for the Site.

#### **1.4 Limitations and Exceptions**

The results of this Phase I ESA are based on a review of reasonably ascertainable information about the property (Site) obtained through interviews as provided to CWE by the CDOE, visual observations of the Site; records review of publicly available information researched by CWE or provided to CWE by the Client, coordination with local, state and if necessary federal agencies (and via FOIA requests), and through acquisition of state and federal regulatory database documents. The conclusions represent CWE's professional opinion based on these aforementioned sources of information.

This report was prepared for the exclusive use of the CDOE and is limited to Site observations and available records. CWE did not conduct intrusive environmental sampling or testing during this Phase I ESA. Use of this report by any other party, other than the CDOE, is at their sole risk.

CWE prepared this report for the exclusive use of the CDOE as it pertains to the Site. CWE performed the necessary professional services using that degree of care and skill ordinarily exercised under similar circumstances by other professionals practicing in this field. No other warranty, express or implied, is made as to the professional advice in this report. Any use of or reliance on this report by a third party shall be at such a party's sole risk.

CWE can offer no assurances and assumes no responsibility for site conditions or activities outside the scope of the inquiry requested by the CDOE as outlined in this document. The CDOE should understand that CWE has relied on the accuracy of documents, oral information, and other materials and information provided by associated parties. It is recognized that regulatory requirements may change, including the revision of accepted action levels, which could necessitate a review of the discussion, findings, recommendations or conclusions of this report. CWE will provide in writing any subsequent modification revision, or verification of this report, if required.

## **1.5 Data Gaps**

CWE identified no data gaps as reasonably ascertainable historical information was gathered for this Phase I ESA.

## **2.0 PROPERTY OVERVIEW**

### **2.1 Property Location and Land Use(s)**

#### **2.1.1 Property Location and Land Use(s)**

The Site is an approximately 17,875 square foot (approximately 0.41 acre) parcel of vacant, unimproved land located at 1807-1815 North Kimball Avenue, a high-density urban setting on the near Northwest side of Chicago, Illinois. The Permanent Index (Parcel) Numbers assigned to the Site are 13-35-409-037/039/042. The area is typified as being predominantly residential with some light industrial facilities located due south (not adjoining) of Bloomingdale Avenue that appear to be inactive and abandoned. The nearest sensitive receptor to the Site is the Harriet Beecher Stowe elementary school located approximately one-and-a-half blocks to the southwest. The Site and surrounding properties are zoned "RM-5", Residential Multi-Family District. The Site is essentially rectangular shaped with an east-west orientation. The property line slightly angles to the south at the southeast corner along the concrete wall that separates this property from the raised embankment parcel (unimproved land) that was once used as a rail yard for the nearby freight rail line. CWE notes that the wall and part of the raised embankment are considered to be part of the Site.

The property was acquired by the City of Chicago from Itasca Bank via foreclosure on May 12, 2005, and is locked behind a chain link fence with a gated entrance located off of Kimball Avenue. A second gated and locked entrance is at the northeast corner of the Site where the alleyway has been truncated. A copy of the May 12, 2005 deed is provided in the Appendices.

A legal description of the Site is contained in the deed (noted above); however, a Chain-of-Title and an Environmental Lien Search were not required for this report.

A copy of a Site Location Map provided to CWE by the CDOE is presented in Figure 1.

#### **2.1.2 Adjacent Property Locations and Land Uses**

As noted, the predominant land uses adjoining the Site and surrounding the Site are residential. A single-family residence (1817 North Kimball Avenue) bounds the northern border of the Site. Two multi-story apartment buildings (1802-1814 and 1820 North Spaulding Avenue) bound the northeast and eastern perimeter of the Site. A multi-story apartment building is located due west and across North Kimball Avenue (address is listed to North St. Louis Avenue) of the Site. A vacant parcel of land, elevated approximately 15' to 16' above street level occupies the southern border of the Site. According to the Phase I provided for this property by Pioneer in 2007, this property was purchased from the railroad for private ownership in 1997. This land was used as a rail yard and still consists of two rusted, abandoned rail spurs. Beyond that property is a freight rail line and light industrial facilities along the south side of Bloomingdale Avenue, which straddles the east-west alignment of the raised railroad tracks.

The remainder of the surrounding properties to the north, west and east are predominantly residential, mostly single-family with scattered two-and three-story apartment buildings.

Based on a review of historical aerial photographs, topographic maps, Sanborn fire insurance maps, information from historical records, contacts with local agencies and information contained in the prior Phase I ESA for an adjoining parcel, the past land uses of surrounding properties to the north and west have been essentially residential. To the east, the adjoining property has historically been light manufacturing: first as the Elsmere Lumber Company; then as the American Washing Machine Company, which manufactured washing machines; and third as Compco Corporation, which manufactured fluorescent light bulbs and fixtures. Since 2006, this adjoining property has been residential (apartment building). To the south, the railroad has occupied this land since before the oldest map CWE was able to access (an 1896 fire insurance map). South of the railroad and across Bloomingdale Avenue, these properties have been mostly light industry with residential further to the south. Very little has changed in the overall uses of the properties surrounding the Site with the greatest change occurring on the Site itself having been formerly occupied by a lumber yard and a single-family residence, then occupied by small structures indicated as being used for warehousing, storage and shipping presumably for the adjoining (east) washing machine company that later became Compco Corporation, a company that manufactured fluorescent light bulbs and fixtures. The two small structures that existed on the Site since before 1950, and left abandoned for years, were demolished in 2001 and 2002/2003, respectively. Since then, the Site has been vacant land.

### **2.1.3 Utilities (water, sewer, power, etc.)**

The subject property is served by the following utilities:

- Potable water: distributed and serviced by the City of Chicago.
- Storm sewer: overseen and serviced by the City of Chicago.
- Sanitary sewer: overseen and serviced by the City of Chicago.
- Power: Commonwealth Edison (ComEd)
- Heating: Natural Gas is provided by Peoples Gas Light and Coke.

According to interview remarks by Mr. Nelson Chueng of the City of Chicago Department of Zoning and Land Use Planning, it is not certain if publicly provided utility lines extend onto or up to the property line of the Site.

## **2.2 Physical Setting**

### **2.2.1 Topography**

Based on the most recent USGS topographic map (Chicago Loop, Quadrangle) reviewed by CWE, the Site elevation is between 600 feet and 605 feet above mean sea level (msl). Based on the topographic map, there is little fluctuation in elevation difference between the Site and area wide properties in all directions, indicating that this area of Chicago is essentially flat with no distinguishable land features. CWE notes that the elevated embankment for the railroad parcel consists of fill material and is at a higher elevation than the natural topography. Groundwater flow typically follows surface topography. Therefore, it would appear that the likely groundwater flow direction is to the east toward the North Branch of the Chicago River (greater

than a mile from the Site). Copies of historical topographic maps are provided in the Appendices.

### **2.2.2 Geology/Hydrogeology**

The Site is located above Paleozoic-age sedimentary bedrock. The depth to intact bedrock in this area of Chicago varies, but is typically deeper than 50 feet below the surface. According to the soil survey contained in the EDR Map Findings Report for the Site, the soil type below the Site is comprised of “Urban Land”, which is known to have been disturbed due to extensive urban development over time. Based on CWE’s experience, much of soils in Chicago away from Lake Michigan are comprised of dense gray clay soils with remnants of glacial deposits. Due to the density of these clay soils, it is expected that the permeability of these soils is low-to-moderate. The depth to the shallow groundwater table in this area of Chicago is known to be between 10 feet to 15 feet, but depends on seasonal fluctuations as well as from heavy rain events. An overview of general geologic and soil conditions in the area of the Site are provided on the EDR report found in the Appendices of this report.

There are six water wells and one monitoring well (Amoco) listed by EDR as being within one mile of the Site. None of these wells are located within ¼ mile of the Site. CWE notes that the City of Chicago has a moratorium on drinking water supply wells in the City. Potable water is provided by the Water Reclamation District of Great Chicago. Water well data is provided in the EDR report found in the Appendices of this report.

Groundwater flow direction can be influenced by various parameters, including topography, soil characteristics, and proximity to surface water such as lakes, rivers and streams. As noted above, based upon the topographic elevation contours of the Site area, the groundwater flow is most likely towards the east. Water levels in the aquifers generally follow topography with higher water level elevations coinciding with higher land-surface elevations and lower water-level elevations coinciding with lower land-surface elevations. Studies have also shown that groundwater in the aquifer flows generally towards most of the rivers and lakes. However, a detailed hydrogeologic investigation using piezometer or monitoring well group can be best used to determine site-specific groundwater flow direction. Based on the assumed groundwater flow towards the east, properties located west and up-gradient to the Site would not likely impact the Site.

### **2.2.3 Surface Water Bodies**

Based on CWE’s observations and reference to historical mapping and aerial photos, there is no history of open water bodies on the Site.

### **2.2.4 Wetlands**

The EDR database report did not identify any wetlands on or near the Site as the property is located in a dense urban environment.

### **2.2.5 Flood Maps**

A review of information provided by the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for the area (Panel No. 17031C), as listed in the EDR report, the Site is located in an area not prone to flooding and is outside of the 100 year flood zone within ½ mile of the Site.

In addition, CWE observed no obvious low-lying areas on the Site or on adjoining properties in which flooding would be prevalent.

FINAL

## **3.0 PROPERTY BACKGROUND/OPERATING HISTORY**

### **3.1 Interviews**

#### **3.1.1 Current Owner/Occupant**

The Site is owned by the City of Chicago and is CWE's Client. CWE was provided with the name of a person with the City of Chicago Department of Zoning and Land Use Planning to interview, who granted CWE interview sessions over the telephone. See interview remarks in Section 3.1.4.

#### **3.1.2 Past Owner/Occupant**

CWE was not required to perform a chain-of-title ownership search for the Site. Information pertaining to prior owners and occupants is covered in the interview remarks from the site contact person from the City of Chicago.

#### **3.1.3 Adjacent Owners/Occupants (if applicable – i.e., Brownfields sites)**

CWE did not perform interviews with owners and/or occupants of adjoining properties since there were no listings of ongoing regulatory enforcement actions or observable concerns during our site visit.

#### **3.1.4 Interview with the City of Chicago, Site Contact Person**

The CDOE provided CWE with the name of Mr. Nelson Chueng, Coordinating Planner for the City of Chicago Department of Zoning and Land Use Planning as the most knowledgeable person regarding the Site. Specific questions answered by Mr. Chueng are provided on the CWE User Questionnaire sheets in the Appendices of this report. In brief, Mr. Chueng was not aware of any previous operations on the Site that would constitute an environmental concern. However, Mr. Chueng did provide CWE with information regarding recent history of the Site. According to Mr. Chueng, the Site was occupied by two small structures that he believed may have belonged to Compco Corporation from several years ago. One of the structures was demolished in 2001 and the other in either 2002 or 2003 when the City went through demolition proceedings and put a demolition lien on the Site.

According to Mr. Chueng, the City acquired the Site from Itasca Bank on May 12, 2005. Though the deed transference refers to only two of the three "Permanent Index Numbers" (PIN's), Mr. Chueng stated in email correspondence that the City acquired PIN 13-35-409-038 through the Cook County tax delinquent sale on August 5, 1997. Mr. Chueng noted that there were a number of liens on the property. After acquiring the property, the City subdivided the parcel into PINs -042, -045 and -046. The City then sold parcels -045 and -046 to a residential developer (for development of the two apartment buildings at 1802-1814 and 1820 N. Spaulding Avenue), retaining parcel -042 for park development.

With the existence of parcels -037 and -039, and what remained of parcel of -042, these three parcels were bundled for the purchase made by the City on May 12, 2005.

Copies of the deed conveying the property to the City of Chicago and CWE's User Questionnaires are provided in the Appendices of this report.

Other than interviews with Mr. Cheung, no other persons were contacted by CWE for this Phase I ESA.

### **3.2 Review of Aerial Photographs**

Historical aerial photographs dated 1951, 1952, 1963, 1972, 1984, 1988, 1994, 2005, and 2006, obtained from EDR, were reviewed to determine past uses of the Site. Generally, for this Phase I, review of aerial photographs did not provide CWE with any usable information regarding historical uses of the Site. However, to the best of our ability, our review of each year is provided below.

1951 and 1952: The scale, shadows and slight blurriness of these photos make it difficult to determine conditions on the Site. The adjoining properties as best that can be determined are occupied by most residential structures, except for the Compc plant to the east, which occupies the entire perimeter of the property. Also, none of the information provided on the prior Phase I ESA for an adjoining property (a 1938 aerial photo is referenced) was able to provide any usable information regarding the Site.

1963, 1963, 1972, 1984, 1988 and 1994: It appears from these photos when magnified that there are images of a small structure on the Site. However, most of the property appears to be vacant. The adjoining properties do not appear to have changed since the 1952 photo with residential properties shown on the north and west borders of the Site, the large Compc facility along the eastern border and vacant property (along the railroad tracks) along the southern border. Again, the small scale and shadowing make it difficult to make accurate judgments on determining uses of these properties.

2005 and 2006: The Site appears to be completely vacant with no visible structures. The new apartment buildings to the east, northeast and west are visible in this photo, though the clarity of the photo makes it very difficult to read. Also, the property to the south when magnified appears to be more overgrown with vegetation than in the 1994 photo.

Based on CWE's interpretation of the available aerial photos, the past use of the Site appears to be commercial, though the small structure observed in 1951/1952 could have been a single-family residence, but more likely for commercial use. No evidence of long-term fill activity, surface scarring, staining or other issue of environmental concern on the Site was identified by CWE during the aerial photograph review.

### 3.3 Review of Topographic Maps

Topographic maps are color-coded and include line-and-symbol representations of natural and selected artificial features plotted to scale. These maps are produced by the United States Geological Survey (USGS), 7.5 Minute Series, to show the general elevation and development of the terrain in detail using contour lines and color-coded symbols.

Historical topographic maps of the Site were obtained from EDR for the following years: 1901, 1953, 1953 (photo-revised in 1963), 1963 (photo-revised in 1972), 1993 and 1997. All of the years listed utilize the Chicago Loop quadrangle. These topographic maps were reviewed to determine past uses of the Site and surrounding properties. Copies of the topographic maps are provided in the Appendices of this report.

1901: The scale of this map covers a large expanse of property and details on the Site or on adjoining properties could not be determined.

1953 and 1953 (photo-revised in 1963): The Site and surrounding properties are shown to be “shaded” indicating they are within an urban zone. Individual structures are not shown at this scale.

1963 (photo-revised in 1972): The Site and surrounding properties remain shaded as in the previous map (1963) and individual structures are not shown.

1993 and 1997: The Site and surrounding properties remain shaded and provide no useful information regarding development of the Site or adjoining properties.

CWE notes that topographic inventories are unable to capture site-specific development in highly urbanized areas. Based on our interpretation of the topographic maps, CWE was unable to determine the development history of the Site or on surrounding properties.

### 3.4 Review of Sanborn Maps

Beginning in the 1860s, the Sanborn Fire Insurance Company, and others, prepared maps that depict site improvements and commercial activities in many metropolitan areas in the United States. Smaller towns and rural areas were often not mapped.

EDR searched for fire insurance maps of the Site. Fire insurance maps covering the Site were available for the following years: 1896, 1921, 1950, 1975, 1988, 1991, 1994, 2002 and 2004. A review of these maps is provided below.

1896: The Site is occupied by a single-family dwelling along the northern border. There is reference to the Elsmere Lumber Company occupying the remainder of the Site and the adjoining property to the east. Single-family dwellings are located west and across Kimball Avenue. A small train station (Elsmere Station) is noted along the railroad property to the south.

1921: The Site is shown to be vacant land with no structures. A single-family dwelling occupies the property to the north; the property to the west across Kimball Avenue is shown to be vacant land with no structures; and the property to the south is shown to be occupied by rail spur tracks for the adjoining railroad trunk line. The American Washing Machine Company occupies the property to the east.

1950: The Site is shown to be occupied by what appears to be small interconnecting structures along the southern perimeter of the Site indicating uses of “warehousing, storage and shipping.” Though there is no reference on the map, CWE believes these interconnecting structures were an extension of operations to the adjoining American Washing Machine Company to the east. The reference to “paint” could indicate potential painting operations and/or paint storage. The property west and across Kimball Avenue remains undeveloped and the property south and adjoining the Site remains occupied with two spur rails for the adjoining railroad trunk line.

1975, 1988, 1991 and 1994: The interconnecting structures on the Site appear to have increased in size and still reference “warehousing, storage and shipping.” Though there is no reference on the map, CWE believes these operations were associated with the adjoining light industrial facility to the east. The name of this facility has changed to Compco Corporation, a fluorescent light bulb and fixture manufacturer. The other adjoining properties to the north, west and south remain unchanged from the 1950 map.

2002 and 2004: The Site is shown to be undeveloped land with no structures. The property to the south no longer shows the rail spurs extending onto that property, which CWE believes is because the survey conducted by the Sanborn Company was unable to observe the abandoned spur tracks hidden under the thick, overgrown vegetation on the property. The apartment building complex is shown to the west across Kimball Avenue and the property to the east, formerly occupied by the Compco Corporation, is no longer shown.

Our review of the fire insurance maps indicates that the Site was first occupied by a single-family dwelling and used as a lumber yard for the Elsmere Lumber Company. In 1921 the Site was undeveloped with no structures shown. From 1950 to 1994 the Site was occupied by what appeared to be small interconnecting structures noted as being used for “warehousing, storage and shipping.” CWE believes these uses were connected to the American Washing Machine Company and then Compco Corporation. The reference to “paint” could indicate potential painting operations and/or paint storage. Sometime between 1994 and 2002, the Site became vacant again. Due to the uncertainty of actual uses taking place on the Site and the potential usage of environmentally sensitive chemicals (identified as being abandoned on the Compco property in the Pioneer Phase I – and from information CWE obtained via FOIA from the City of Chicago), it is CWE’s opinion that RECs may be present on the Site.

### **3.5 Review of City Directories**

CWE obtained an EDR City Directory Report for the Site and adjoining properties, provided the range of addresses from 1807 to 1815 North Kimball Avenue. Historical directories referenced by EDR included Haines Company, Illinois Bell Telephone Directories, Reuben H. Donnelley Corporation and R; L. Polk & Company. The years of coverage are from 1923 to 2005 in

varying years, typically in intervals of every 5 years. A copy of the EDR-City Directory Abstract Report is provided in the Appendices of this report. The following relevant information has been extracted from this report.

1923 at 1807 Kimball Avenue: Thomas Etchingham and Wilk Geo Lab.  
1923 at 1815 Kimball Avenue: Otto and Lotti Heaber and Jacob and Dorothy Jeffries.  
1923 at 1817 Kimball Avenue (offsite): Jacob Jeffries.  
1928 at 1815 Kimball Avenue: Charles and Gertrude Heaber and Thomas Krajewski.  
1941 at 1806 Kimball Avenue (offsite and across the street): Kimball Barber Shop.

No other listings for the other years are provided on the EDR City Directory Report. CWE's interpretation of this limited information indicates early residential occupancy of the Site. Though there are no other listings to the specific address of the Site, it does not preclude the potential for activity to taking place in connection with industrial activity to the east and addressed to Spaulding Avenue. However, based on the information contained in the city directory report, no uses of potential environmental consequence could be ascertained.

### **3.6 User-Provided Information**

The following section summarizes information provided by the City of Chicago Department of Environment (CDOE) with regard to the Phase I ESA at 1807 to 1815 North Kimball Avenue, in Chicago, Illinois. Documentation may be found in the Appendices or where referenced in this Report.

#### **Title Records**

The Client provided CWE with no title records information.

#### **Environmental Liens or Activity and Use Limitations (AUL)**

The Client reported no information regarding environmental liens or Activity and Use Limitations (AULs) recorded against the Site. Per ASTM reporting requirements, CWE would have performed an Environmental Lien Search through services provided by Environmental Data Resources (EDR). However, the scope of services provided under the CDOE, waive having to provide this lien search.

#### **Specialized Knowledge**

The Client provided CWE with no specialized knowledge regarding recognized environmental conditions associated with the Site. Mr. Nelson Chueng of the City of Chicago Department of Zoning and Land Use Planning stated that he believed Compco Corporation may have extended their operations onto the Site.

### **Valuation Reduction for Environmental Issues**

The Client reported no information regarding a reduction in property value for environmental issues associated with the Site. Mr. Nelson Chueng of the City of Chicago Department of Zoning and Land Use Planning stated that the Site was acquired via a foreclosure.

### **Owner, Property Manager and Occupant Information**

The Client identified Nelson Chueng, Coordinating Planner for the City of Chicago Department of Zoning and Land Use Planning as the site contact person or Key Site Manager, and as being the most knowledgeable about the Site.

### **Reason for Performing Phase I ESA**

According to the Client, this Phase I ESA was conducted to permit the user to qualify for CERCLA liability protection and to identify any RECs associated with the Site.

### **Other User-Provided Documents**

The Client provided CWE with a prior Phase I ESA for the following site, which was prepared by others and reviewed as part of this Phase I Environmental Site Assessment:

Phase I Environmental Site Assessment, 1805 North Kimball Avenue, performed by Pioneer Engineering & Environmental Services, Inc., dated January 15, 2007.

Sections of this report are referenced in appropriate sections of CWE's Phase I where deemed applicable and relevant.

## 4.0 REGULATORY REVIEW

### 4.1 Regulatory Database Search and Significant Findings

A search of environmental databases was conducted by EDR for the Site and for properties generally within one mile of the Site, per search criteria following the ASTM E 1527-05 standard for Phase I ESAs. The database search was conducted to determine whether documentation exists related to environmental incidents at the Site or at properties in the vicinity. The standard databases searched are presented below.

The following databases searched for this Phase I ESA conform to the minimum search distances stipulated by the ASTM Standard noted above. It was not necessary to expand search distances as the Site is under ½ acre in size.

#### FEDERAL RECORDS

- National Priorities List (NPL) – 1.0 mile
- Proposed NPL – 1.0 mile
- NPL Liens – Target Property
- Delisted NPL – 1.0 mile
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – 0.5 mile
- CERCLIS No Further Remedial Action Planned (CERC-NFRAP) – 0.5 mile
- Federal RCRA CORRACTS facilities (CORRACTS) – 1.0 mile
- Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage, and Disposal (TSD) Facilities – 0.5 mile
- RCRA large quantity generators – 0.25 mile
- RCRA small quantity generators – 0.25 mile
- RCRA – conditionally exempt small quantity generators – 0.25 mile
- Emergency Response Notification System (ERNS) – Target Property
- U.S. Engineering Controls -0.5 mile
- U.S. Institutional Controls – 0.5 mile
- U.S. Brownfields Sites – 0.5 mile
- Facility Index System (FINDS) – Target Property

#### STATE, TRIBAL AND LOCAL RECORDS

- State Hazardous Waste Sites (SHWS) – 1.0 mile
- Solid Waste Disposal Sites (incl. Special Waste and NIPC) – 0.5 mile
- Leaking Underground Storage Tanks (LUST) – 0.5 mile
- Underground Storage Tanks (UST) – 0.25 mile
- State Engineering Controls – 0.5 mile
- State Institutional Controls – 0.5 mile
- Site Remediation Program (SRP) – 0.5 mile
- State Brownfields Sites – 0.5 mile
- Dry Cleaners – 0.5 mile

## **EDR PROPRIETARY RECORDS**

- Manufactured Gas Plants – 1.0 mile
- EDR Historical Auto Stations – 0.25 mile
- EDR Historical Dry Cleaners – 0.25 mile

### **Federal Records**

#### ***National Priorities List (NPL) – 1.0 mile***

No Sites were identified.

#### ***Proposed NPL – 1.0 mile***

No Sites were identified.

#### ***NPL Liens – Target Property***

The Target Property is not listed.

#### ***Delisted NPL Sites – 1.0 mile***

No Sites were listed.

#### ***CERCLIS – 0.5 mile***

One facility was identified: Crescent Plating at 3650 West Armitage, approximately 0.4 mile northwest of the Site. This CERCLIS facility is not on the NPL, is a removal site only and “no site assessment work is needed”, according to the database report. The facility remains under regulatory oversight by the USEPA and does not represent an environmental concern to the Site based on separation distance (over 2,000 feet away).

#### ***CERCLIS No Further Remediation Action Planned (CERC-NFRAP) – 0.5 mile***

One facility was identified: Wabansia Mercury Site at 3269 West Wabansia Avenue, approximately 0.2 mile southeast of the Site. This CERC-NFRAP site is no longer active and was “closed out” and “archived” in 2004. Due to its separation distance and regulatory nature (no further remediation action planned), it is CWE’s opinion that this CERC-NFRAP facility does not represent an environmental concern to the Site.

#### ***Federal RCRA CORRACTS Facilities (CORRACTS) – 1 mile***

No Sites were listed.

***RCRIS Treatment, Storage and Disposal (TSD) Facilities – 0.5 mile***

No Sites were identified.

***RCRA Generators – 0.25 mile***

Four (4) RCRA Small Quantity Generator (SQG) facilities were identified within the minimum search distance of ¼ mile from the Site, and are listed below:

<b>RCRA – GENERATOR FACILITIES</b>					
<b>Facility Name and Address</b>	<b>Location</b>			<b>Conditionally Exempt</b>	<b>Violations</b>
	<b>Distance</b>	<b>Direction</b>	<b>Gradient</b>		
Compc Corporation, 1800 N Spaulding Ave	Adjoining	E	Up to cross	No	No
City of Chicago (abandonment), 1800 N Spaulding Ave	Adjoining	E	Up to cross	No	No
Chicago Wire Design, 1750 N Kimball Ave	300 feet	S	Cross to down	No	No
Harriet Beecher Stowe School, 3444 N Wabansia Ave	1/8-1/4 mile	SW	Down	Yes	no

Two of the RCRA facilities are listed to 1800 N. Spaulding Avenue (formerly occupied by the Compc Corporation). There are no reported violations and a new apartment building as been constructed at this site. Since these RCRA facilities are no longer present and there is no record of enforcement action, CWE does not regard the historical listings on this adjoining property to represent an environmental concern to the Site. The other two RCRA generator facilities were evaluated based on their non-violator status, no visible exterior concerns, separation distance and their regulatory nature. Based on this criteria, it is CWE’s opinion that these two RCRA generator facilities do not currently represent an environmental concern to the Site. No further inquiry is recommended at this time.

***Emergency Response Notification System (ERNS) – Target Property***

No reports are filed for the Target Property.

***U.S. Engineering Controls – 0.5 mile***

There are no U.S. Engineering Controls sites listed within ½ mile of the Site.

***U.S. Institutional Controls – 0.5 mile***

There are no U. S. Institutional Controls sites listed within ½ mile of the Site.

***U.S. Brownfields Sites – 0.5 mile***

No sites are listed.

**Facility Index System (FINDS) – Target Property**

There are no listings of FINDS on the target property.

**State, Tribal and Local Records**

**State Hazardous Waste Sites (SHWS) – 1.0 mile**

This database incorporates State and Tribal Equivalent NPL and CERCLIS sites. Two sites were identified greater than ½ mile from the Site (USEM Chicago DC Plant and Public Building Commission). Based on separation distance, these two SHWS sites are not considered to represent an environmental concern to the Site.

**Solid Waste Disposal Sites (incl. Special Waste and NIPC) – 0.5 mile**

No sites were identified.

**Leaking Underground Storage Tanks (LUST) – 0.5 mile**

This database includes listings under LUST Trust and Indian LUST. There are twenty (20) LUST facilities located within ½ mile of the Site, and no listings on the Site. Generally, in dense urban environments such as Chicago, LUST facilities greater than ¼ mile are not regarded as environmental concerns based on separation distance, geologic conditions (in this case low-to moderate-permeable clay soils), flat topography and intervening subsurface infrastructures. Seventeen (17) of the 20 LUST facilities identified in the database report are indicated as being greater than ¼ mile from the Site. Therefore, based on the criteria cited above, it is CWE’s opinion that these LUST facilities do not currently represent an environmental concern to the Site.

The three LUST facilities within ¼ mile of the Site are listed below:

REGISTERED LUST FACILITIES							
Incident No.	Facility Name and Address	Location			Responsible Party	Material and Date of Release	Reported Impact and Current Status
		Distance	Direction	Gradient			
20050512	G&A Residence, 1750 N Spaulding Ave	Approx 500 ft	SE	Cross	Spaulding Partners, L.P.	Not reported; 4/14/2005	NFA/NFR issued 1/4/2007
20001177	Humboldt Ridge Ltd. Partnership, 1800-1816 N St. Louis Ave	Adjoining (across Kimball Avenue)	W	Down	Humboldt Ridge Ltd. Partnership	Not reported; 6/20/2000	NFA/NFR issued 12/24/2001
940579	OK Service Center, 3400 W Armitage Ave	1/8-1/4 mile	N	Cross to down	OK Service Center	Not reported; 3/19/1994	NFA/NFR issued 3/10/2006

The above-referenced LUST facilities were evaluated based on status of incident (cleanup finished, all issued NFA/NFRs), area geology, separation distance, where applicable,

identification of a responsible party, and the extent to where gradient relationship can be applied (topography in this area is essentially flat). Based on this criteria, it is CWE's opinion that these LUST facilities do not currently represent an environmental concern to the Site. No further inquiry is recommended at this time.

***Underground Storage Tanks (UST) – 0.25 mile***

This database includes listings under Indian UST and FEMA UST. There are four (4) UST facilities listed within ¼ mile of the Site, none on the Site and one on an adjoining property. These UST facilities are listed below:

REGISTERED UST FACILITIES							
Facility ID No.	Facility Name and Address	Location			Responsible Party	Installation Year, Size, and Contents	Current Status
		Distance	Direction	Gradient			
2042723	G&A Residences, 1750 N Spaulding Ave	Approx 500 ft	SE	Cross to down	Spaulding Partners, LLC	Installed prior to 12/31/1973; 1500 gal.; heating oil	Exempt from registration since it heating oil. This site is listed as a "closed" LUST facility (1/4/2007).
2041031	Chicago Wire Design, 1750 N Kimball Ave	Approx 300 ft	S	Cross to down	Chicago Wine Design	Installed prior to 12/31/1973; 6000 gal; heating oil	Exempt from registration since it is heating oil. OSFM records indicate abandoned in place in 2002. This site is not listed as a LUST facility.
2039990	Humboldt Ridge, 1800-1816 N St. Louis Ave	Adjoining (across Kimball Avenue)	W	Down	Humboldt Ridge Ltd Partnership	Installed prior to 12/31/1973; 550 gal; gasoline	Exempt from registration since vessel is less than 1000 gal. This site is listed as a "closed" LUST facility (12/24/2001).
2011342	OK Service Station, 3400 W Armitage Ave	1/8-1/4 mile	N	Cross to down	OK Service Center Ltd.	Installed prior to 6/27/1986; 6000 gal; 6000 gal; 4000 gal; 300 gal; 1000 gal; gasoline, used oil and heating oil	All five USTs are listed as being removed. Facility status is listed as "closed"

Based on information contained in the database report, two of the four UST facilities are also listed as "closed" LUST facilities; one has been filled with inert material and abandoned in place; and the other lists all five tanks as having been removed with no corresponding leak incidents reported. Based on no documented leak incident reported at the Chicago Wire Design site, the fact that two sites have closed their UST issues and the other facility located almost ¼ mile away has no reported leak incidents, it is CWE's opinion that these UST facilities do not

currently represent an environmental concern to the Site. No further inquiry is recommended at this time.

### ***State and Tribal Engineering Controls – 0.5 mile***

Engineering Controls sites pertain to leak-or spill-control measures taken by the responsible party to prevent known contaminants from migrating offsite, as well as preventing exposure to on-site occupants. Such measures are instituted as part of deed restrictions in order to meet proper “tier level” closure criteria established by the IEPA. Three Engineering Controls sites were identified within ½ mile of the Site:

- G & A Residence at 1750 N. Spaulding Avenue – Approx 500 feet southeast of Site (NFR letter: 1/4/2007)
- Humboldt Ridge at 1800 N. St. Louis Avenue – Adjoining (across Kimball Avenue) west of Site (NFR letter: 12/24/2001)
- Crescent Plating Works at 3050 W. Armitage Avenue – ¼-1/2 mile northwest of Site (NFR letter: 6/23/2009)

Based on their separation distance, regulatory nature and sign-off by the IEPA (No Further Remediation letters), none of the listed Engineering Control sites represent an environmental concern to the Site. No further inquiry is recommended at this time.

### ***State and Tribal Institutional Controls – 0.5 mile***

Institutional Controls sites pertain to leak-or spill-control measures taken by the responsible party to prevent known contaminants from migrating offsite, as well as preventing exposure to on-site occupants. Such measures are instituted as part of deed restrictions in order to meet proper “tier level” closure criteria established by the IEPA. Three Institutional Controls sites were identified within ½ mile of the Site:

- Chicago Wire Design at 1750 N. Kimball Avenue – Approx 300 feet south of Site (NFR letter: 4/8/2002)
- Humboldt Ridge at 1800 N. St. Louis Avenue – Adjoining (across Kimball Avenue) west of Site (NFR letter: 12/24/2001)
- Crescent Plating Works at 3050 W. Armitage Avenue – 1/4 – 1/2 mile northwest of Site (NFR letter: 6/23/2009)

Based on their separation distance, regulatory nature and sign-off by the IEPA (No Further Remediation letters), none of the listed Institutional Controls sites represent an environmental concern to the Site. No further inquiry is recommended at this time.

### ***Illinois Site Remediation Program (SRP) – 0.5 mile***

There are six SRP sites listed within ½ mile of the Site. This voluntary program can be used to receive a determination from the IEPA that environmental conditions at their site do not present a significant risk to human health or the environment, though it does not necessarily mean they

are in regulatory compliance. Due to separation distance and their regulatory nature, none of the listed SRP facilities listed below are considered to have an impact on the Site.

- G & A Residence at Spaulding at 1750 N. Spaulding Avenue – Approx 500 feet southeast of the Site
- Chicago Wire Design at 1750 N. Kimball Avenue – Approx 300 feet south of the Site
- Humboldt Ridge at 1800-1816 N. St. Louis Avenue – Adjoining (across Kimball Avenue) west of the Site
- St. Augustine College at 3245-3255 W. Armitage Avenue – 1/4 to 1/2 mile northeast of the Site
- Crescent Plating Works at 3659 W. Armitage Avenue – 1/4 to 1/2 mile northwest of the Site
- North Humboldt Building at 1800 N. Humboldt Boulevard – 1/2 mile southeast of the Site

#### ***State and Tribal Brownfields Sites – 0.5 mile***

No sites were identified.

#### **EDR Proprietary Records**

##### ***Manufactured Gas Plants (MGP) – 1.0 mile***

The EDR Proprietary Manufactured Gas Plant dataset includes records of coal gas plants (manufactured gas plants) compiled by EDRs researchers. Manufactured gas sites were used in the U.S. from the 1800s to 1950s to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal or a mixture of coal, oil and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar, sludge, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

No MGP sites were identified by EDR.

##### ***Historical Auto Stations***

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. The EDR report identified five (5) Historical Auto Stations within 1/4 mile of the Site. None of these facilities are located within 1/8 mile of the Site and in CWE's opinion do not currently represent an environmental concern to the Site.

### *Historical Cleaners*

EDR searched selected national collections of business directories and collected listings of potential dry cleaner sites that were available to EDR. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry, etc.

The EDR report identified four (4) Historical Cleaners within ¼ mile of the Site. None of these facilities are located within 1/8 mile of the Site and in CWE's opinion do not currently represent an environmental concern to the Site.

### *Orphan Sites*

Twenty-one (21) sites/facilities ("orphan sites") were identified in the EDR report, but could not be mapped by EDR due to limited government database information or insufficient addresses. Based on our review of the addresses listed by EDR for some of these sites/facilities, it is CWE's opinion that none of these sites are located within ¼ mile of the Site and thus do not represent an environmental concern to the Site.

## **4.2 Freedom of Information Act (FOIA) Requests, Interviews, and Significant Findings With:**

### **4.2.1 City of Chicago Department of Environment (CDOE)**

Ms. Abby Van Waning of the CDOE provided CWE with a previous ESA report (for adjoining property at 1805 N. Kimball Avenue) and identified Mr. Nelson Chueng of the City of Chicago Department of Zoning and Land Use Planning for additional information on the site. According to Mr. Chueng, the Site was acquired by the City on May 12, 2005. Though only two of the three "Permanent Index Numbers" (PIN's) are listed on the deed, Mr. Cheung noted in email correspondence that the City acquired PIN 13-35-409-038 through the Cook County tax delinquent sale on August 5, 1997. Mr. Chueng noted that there were a number of liens on the property. After acquiring the property, the City subdivided the parcel into PINs -042, -045 and -046. The City then sold parcels -045 and -046 to a residential developer (for development of the two apartment buildings at 1802-1814 and 1820 N. Spaulding Avenue), retaining parcel -042 for park development.

With the existence of parcels -037 and -039, and what remained of parcel -042, these three parcels were bundled for the purchase made by the City on May 12, 2005.

In addition, CWE submitted a FOIA request with the CDOE for the Site (1807-1815 N. Kimball Avenue) as well as for the adjoining property to the east formerly occupied by manufacturing facilities (1800-1814 N. Spaulding Avenue). The following information was provided in the FOIA response:

1807-1815 N. Kimball Avenue:

- Demolition of a warehouse storage structure (length 100 ft.; width 75 ft.; height 30 ft.) was started on July 2, 2001 and was completed on July 28, 2001. No other information was provided.

1800-1814 N. Spaulding Avenue:

- Two (2) heating oil USTs (23,000-gals and 25,000 gals) were installed on November 23, 1952. There is no record of their removal.
- Demolition of a manufacturing facility (Length 100 ft.; width 135 ft.; height 30 ft.) was started on June 11, 1996 and was completed on March 5, 1997 down to grade level.
- Abandoned chemical drums were discovered in the basement during an inspection of the property on April 27, 1999.
- Sixty (60) to 100 Acetylene tanks were removed from the property on July 27, 2001. Some of the cylinders were observed to be leaking. Two “tanks” were filled with carbon dioxide.
- Numerous drums were discovered during an inspection of the property on July 30, 2001. Fourteen (14) to 55-gal drums containing hydraulic fluid, motor oil and varnish were removed from the property.
- Inspections performed at the property on August 7, 2001, September 25, 2001 and October 22, 2002 declared that demo of the property was 100% complete down to grade level.

#### **4.2.2 Illinois Environmental Protection Agency (IEPA)**

Responses from the IEPA Bureau of Land, Water, Air, and Office of Emergency Response indicate there are no listings for the Site.

#### **4.2.3 U.S. Environmental Protection Agency (USEPA)**

CWE reviewed the U.S. EPA Envirofacts Facility Registry System for the area in which the Site is located. Envirofacts provides access to several U.S. EPA databases to provide information about environmental activities that may affect air, water, and land. CWE’s review indicated that the Site was not identified in the database.

CWE also reviewed the U.S. EPA Enforcement and Compliance History Online (ECHO) database which provides public access to compliance and enforcement information for approximately 800,000 U.S. EPA-regulated facilities. ECHO allows users to find permit, inspection, violation, enforcement action, and penalty information covering the past 3 years. The database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct

dischargers, and RCRA hazardous waste generators/handlers. CWE's review indicates that the Site is not identified by the ECHO database. However, two (2) nearby facilities are on the ECHO database and are identified below:

1. Chicago Wire Design at 1750 N. Kimball Avenue – Approx 300 feet south of Site: No current violations
2. City of Chicago (Abandonment) at 1800 N. Spaulding Avenue – Adjoining east: No current violations

As discussed in previous sections of this Report, the Chicago Wire Design property does not pose an environmental concern to the Site. However, the adjoining property was historically occupied by manufacturing facilities and constitutes a potential environmental concern to the Site. This property has been developed with a six-story apartment building since 2006.

#### **4.2.4 Illinois Office of the State Fire Marshal (OSFM)**

A response received from the OSFM stated they had no records in their files for the Site.

#### **4.2.5 Ancient Building Records and Permits**

Based on information obtained from the CDOE (via FOIA), review of historical aerial photographs and Sanborn Fire Insurance Maps, review of a prior Phase I for an adjoining parcel and interview remarks from a City of Chicago Department of Zoning and Land Use Planning official, CWE is of the opinion that sufficient information has been researched regarding historical uses of the Site.. Therefore, CWE has opted to not research Ancient Building Records and Permits at the University of Illinois (Chicago).

#### **4.2.6 Other Local Governments/Agencies**

CWE was directed to interview Mr. Nelson Chueng, Coordinating Planner for the City of Chicago Department of Zoning and Land Use Planning. Mr. Chueng's interview remarks are contained in the Interviews Section of this Phase I ESA.

## 5.0 PROPERTY INSPECTION

### 5.1 Property Reconnaissance

CWE conducted a site visit of the Site on February 9, 2010. The weather conditions were as such: the temperature was approximately 28 degrees Fahrenheit, the skies were overcast and the Site was snow-covered. CWE made every attempt to assess the following items based on the limitations of our observations during our site visit.

#### 5.1.1 Hazardous/Petroleum Products

There was no evidence of hazardous/petroleum products.

#### 5.1.2 Tanks/Vents/Fill Pipes

There was no evidence of tanks/vents/fill pipes.

#### 5.1.3 Building Foundations

There was no evidence of building foundations.

#### 5.1.4 Odors/Staining, etc.

There was no evidence of odors - or staining of the site soils.

#### 5.1.5 Drums/Other Containers

There was no evidence of drums or other containers.

#### 5.1.6 Debris

There was evidence of miscellaneous debris scattered in small pockets and spread throughout the Site. We identified low-lying vegetation on the property as best we could determine under the snow cover. The materials identified were cans, plastic, glass, some metal, wood, etc. In our opinion, the debris is the result of non-use of the property for a long time. Based on the limitations of our observations, and the conditions that existed at the time of our site visit, these materials did not appear to represent an environmental concern. However, CWE cannot rule out *de minimis* conditions existing resulting from historical obsolescence of the property. As an environmental health issue, CWE recommends that this debris should be removed from the Site.

#### 5.1.7 Asbestos Containing Materials (ACM)

There was no evidence of materials suspected of containing asbestos.

### **5.1.8 Electrical Transformers**

There was no evidence of pad-or pole-mounted electrical transformers on the Site. However, CWE noted offsite pole-mounted transformers on public rights-of-way along Kimball Avenue and the alleyway.

### **5.1.9 Stressed Vegetation**

Given the limitations of snow-cover, there were no signs of stressed vegetation.

### **5.1.10 Other Notable Features**

No notable features of the Site were observed, except to note that the southern boundary of the Site is traversed by a concrete retaining wall and a sliver of land raises from street level to the elevated property along the southern border.

## **5.2 Building Inspection**

The Site is vacant, unimproved land with no structures.

## **5.3 Adjacent Properties Reconnaissance**

CWE notes that the snow cover affected our observations on the vacant property along the southern perimeter only.

### **5.3.1 Hazardous/Petroleum Products**

There was no evidence of hazardous/petroleum products on adjoining properties.

### **5.3.2 Tanks/Vents/Fill Pipes**

There was no evidence of tanks/vents/fill pipes on adjoining properties.

### **5.3.3 Building Foundations**

In the matter of the vacant property along the southern perimeter, no building foundations were observed. The other adjoining properties are all developed with structures on them.

### **5.3.4 Odors/Staining, etc.**

There was no evidence of odors/staining on the adjoining properties.

### **5.3.5 Drums/Other Containers**

There was no evidence of drums/other containers on the adjoining properties.

### **5.3.6 Debris**

Miscellaneous debris similar to what was observed on the Site was observed on the vacant property that adjoins the Site along the southern boundary. No debris was observed on the other adjoining properties.

### **5.3.7 Electrical Transformers**

There was no evidence of pad-or pole-mounted electrical transformers on adjoining properties. However, CWE did observe pole-mounted electrical transformers on public rights-of-way along Kimball Avenue and the alleyway.

### **5.3.8 Stressed Vegetation**

There were no signs of stressed vegetation as could be determined on the adjoining vacant property due to snow-covered conditions. No stressed vegetation was observed on the adjoining properties.

### **5.3.9 Other Notable Features**

Other than the two rusted out, abandoned spur rail tracks on the vacant property, CWE observed no other notable features on adjoining properties.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

### Overview

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for unimproved property located at 1807-1815 North Kimball Avenue in Chicago, Cook County, Illinois (Site). As determined from available mapping, the Site is approximately 17,875 square feet (0.41 acre) in size and is bound on three sides by single-family and multi-family residential dwelling structures and on one side by vacant land belonging to the Soo Line Railroad. Clean World Engineering, Ltd. (CWE) conducted the assessment under contract with the Chicago Department of Environment (CDOE).

The results of this assessment are based on a Site visit conducted by CWE on February 9, 2010; subsequent review of historical records including a prior Phase I ESA performed for the adjoining vacant railroad property (provided to CWE by the City of Chicago, Department of Environment for reference); an interview with a representative of the City of Chicago Department of Zoning and Land Use Planning; and contacts made through the Freedom of Information Act (FOIA) to access any records on file of environmental regulatory activity on the Site.

This assessment was performed in accordance with the American Society for Testing and Materials (Designation E-1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*) standard and the final All Appropriate Inquires Standard, a requirement stipulated by the CDOE.

### Property Description

The Site consists of vacant, unimproved land that on the day of CWE's site visit was mostly snow-covered, but exhibited no evidence of recent use or development. The Site covers approximately 17,875 square feet (as calculated from the Sanborn Fire Insurance Maps) and is listed to three Permanent Index Numbers (PINs): 13-35-409-037/039/042. The Site is essentially rectangular shaped, landlocked along three borders with main access via a driveway and sidewalk entrance off of North Kimball Avenue. Despite the snow cover, CWE was able to determine that the Site was fallow with low-lying unkempt brush and vegetation with no signs of illegal dumping, open water bodies or discernible uses. The Site is owned by the City of Chicago and is locked via a gated entrance off of North Kimball Avenue and at the truncated alley entrance at the northeast corner of the Site. A chain link fence prohibits public access onto the property. CWE noted no prominent features on the Site.

The Site is located on the near Northwest side of Chicago, Illinois, in a predominantly residential area of the city. The Site is bound on three sides, west, north and east, by single-family and multi-family dwellings, which are all at-grade to the Site. The apartment buildings adjoining the west (across Kimball Avenue) and eastern boundaries have been constructed since 2002 and 2005, respectively. The single-family house adjoining the northern boundary has been present since at least the 1920s. The southern adjoining property is raised approximately 15 to 16 feet above street level and contains approximately 7,330 square feet of vacant land (according to a prior Phase I

ESA for this property) that was formerly used by the current Soo Line Railroad (formerly Chicago, Milwaukee and St. Paul Railroad) as a small rail yard. This adjoining parcel has been under private ownership since 1996/97 and the two rail spurs are twisted and rusted, and have not been used for several years. Nearby light industrial facilities to the south across Bloomingdale Avenue appear to no longer be active.

### **Brief Property History**

Based on a review of historical aerial photographs, topographic maps, Sanborn Fire Insurance Maps, information from historical records including a prior Phase I ESA for the adjoining property at 1805 North Kimball Avenue, past land uses of the Site are as follows:

According to the Sanborn Fire Insurance Maps for 1896, a single-family dwelling occupied the northern portion of the Site. The southern portion was used for lumber storage for the adjoining (east) Elsmere Lumber Company. No other structures were shown on the Site. On the 1921 map, the house is shown to no longer be present and there is an indication the rest of the Site was being used for lumber storage. From 1950 to 1994, inclusive, the Site was shown to be occupied by what appears to be small interconnecting structures used for warehousing, storage and shipping. It cannot be discerned from these references what was being stored and shipped. The prior Phase I ESA for an adjoining property stated that the Site was an extension of uses associated with the American Laundry Machinery Company to the east. Though there is no specific reference on the fire insurance maps, CWE believes these structures were associated with operations on the adjoining property. In addition, there appear to be no references to historical heating sources in the interlocking structures.

According to information provided by the City of Chicago, the City demolished two small structures from the Site, one in 2001 and the other in 2002/2003 and acquired the Site through foreclosure in May 2005. The Site has been vacant land since 2003.

### **Visual Inspection**

The results of our visual observations of the Site revealed no structures were present. However, miscellaneous debris was observed in small pockets throughout the property (cans, plastic, glass, some metal, wood, et. al.), which did not appear to be environmentally significant. CWE notes that there was snow cover on the day of our site visit.

### **Recognized Environmental Conditions (RECs) identified (bulleted)**

This Phase I ESA identified no RECs in connection with the subject site, except for the following:

- The former Compco Corporation light industrial facility (manufactured fluorescent light bulbs and fixtures) adjoining to the east is listed as a former small quantity RCRA generator facility. This site was formerly occupied by the Elsmere Lumber Company and American Washing Machine Company. Our FOIA inquiry with the City of Chicago identified two USTs installed on this property in 1952 - 23,000 gallon and 25,000 gallon heating oil USTs.

There is no documentation on the disposition (removal or abandoned-in-place) of these USTs. This property is not listed as a LUST facility and a new apartment building was constructed by 2006. It is CWE's opinion that long term historical uses of potentially environmental sensitive chemicals that include but are not limited to paint, oils, solvents, mercury and/or PCBs and long term operations as a manufacturing facility could have a detrimental impact on the Site.

- The possibility of urban fill being brought onto the Site from unknown sources represents a possible REC.
- The Site has a history of long term uses that include lumber storage and warehousing and storage operations assumed to be associated with the former adjoining American Washing Machine and Compco facilities.
- The potential for unregistered USTs to be present on the Site represents a REC.

CWE considered the following surrounding area properties as possible RECs:

- The adjoining LUST facility to the west and across Kimball Avenue (Humboldt Ridge Ltd. at 1800-1816 N. St. Louis Avenue) was issued a "No Further Action/No Further Remediation" (NFA/NFR) designation (from the Illinois EPA) on 12/24/2001. This site was developed with the current apartment building in 2002. State Engineering and Institutional Controls were included in the NFA/NFR designation, neither of which are considered to have an impact on the Site. In CWE's opinion, regulatory sign-off by the IEPA is sufficient grounds to not consider this adjoining property as a historical or current environmental concern to the Site.
- Two UST and one LUST facilities are located on nearby properties, but not adjoining to the Site. One of the UST facilities, at 1750 North Spaulding Avenue is also listed as a LUST facility and is located approximately 500 feet southeast of the Site. This property was issued a NFA/NFR designation on 1/4/2007. State Institutional Controls were instituted for this regulatory closure and is not considered to have an impact on the Site. This property is currently occupied by a new apartment building. The other UST facility at 1750 North Kimball Avenue, approximately 300 feet south-southwest of the Site, appears to be an inactive business. The disposition of a 6,000 gallon heating oil UST at this property is listed as abandoned in place (i.e., filled with inert material) by the OSFM in 2002. There is no corroborating spill listing at this property to consider it as a historical or current environmental concern to the Site.

## **Recommendations**

As an environmental health issue, the Site should be swept clear of all miscellaneous materials. Secondly, consideration should be given to performing a limited subsurface investigation; and thirdly, a radar screening (Ground Penetration Radar (GPR) and/or trenching of the Site for metal objects should be considered, particularly to determine the existence of unregistered USTs. Testing of the soils should cover a wide range of environmental parameters

## 7.0 CERTIFICATION/SIGNATURE

CWE has performed a Phase I ESA for the property located at 1807-1815 North Kimball Avenue in Chicago, Illinois. The scope of this Phase I was consistent with ASTM Practice E 1527-05. Resumes for the following environmental professionals are appended.

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professionals* as defined in 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

CWE's professional services were performed using the degree of care and skill ordinarily exercised under similar circumstances by other environmental professionals practicing in this field.

The representations made in this report are accurate and true to the best knowledge of the undersigned.

*Rita Kapur*

Rita Kapur  
President  
Clean World Engineering, Ltd.

04/23/2010

Date

*Michael P. Poulos*

Michael P. Poulos  
Project Manager  
Clean World Engineering, Ltd.

04/23/2010

Date

**TABLE 1: LISTING OF ENVIRONMENTAL CONCERNS**

The following is a list of all existing and historical RECs on the Site and/or on offsite properties and associated contaminants of concern and potential migration pathways.

**ON-SITE**

PIN #	ADDRESS	ACREAGE	CURRENT/HISTORIC LAND USES	RECs	COCs	PATHWAYS
15-35-409-037/039/042	1807-1815 N Kimball Avenue	0.41	Vacant – undeveloped land	(1) Former lumber storage yard; (2) formerly occupied by small warehouse and storage structure; (3) potential for unregistered USTs to be present; (4) fill material of unknown source may exist.	Possible creosote used for lumber treatment – and paint, oils, solvents, mercury, PCBs, et. al.	Soil ingestion and inhalation, soil migration to ground-water and groundwater ingestion.

**OFF-SITE**

ADDRESS	DISTANCE	CURRENT/HISTORIC LAND USES	RECs	COCs	PATHWAYS
(1) 1800-1814 N Spaulding Avenue	Adjoining	Former lumber yard; washing machine plant; fluorescent light bulb and fixture mfg. Currently occupied by six-story apartment building (2006).	(1) former existence of two heating oil USTs (23,000 and 25,000 gal.); (2) use and storage of environmentally sensitive chemicals; (3) formerly occupied by washing machine mfg company and fluorescent light bulb and fixtures mfg facility; former SQG; (4) former lumber yard.	Total petroleum hydrocarbons (TPH); PCBs; Creosote; VOC's and full range of metals.	Soil ingestion and inhalation, soil migration to ground-water and groundwater ingestion.

## FIGURES

FUNVAL

**APPENDICES**

FONVAL



# CLEAN WORLD ENGINEERING, LTD.

1737 S. Naperville Road, Suite 200, Wheaton, IL 60189  
(Phone) 630/260-0200 \* (Fax) 630/260-0797 (Website) www.clean-world.com

FIGURE ONE (1)

★ **1815 N Kimball Ave**  
Chicago, IL 60647-4822

## SITE VICINITY MAP



Directions and maps are informational only. We make no warranties on the accuracy of their content, road conditions or route usability or expeditiousness. You assume all risk of use. MapQuest and its suppliers shall not be liable to you for any loss or delay resulting from your use of MapQuest.

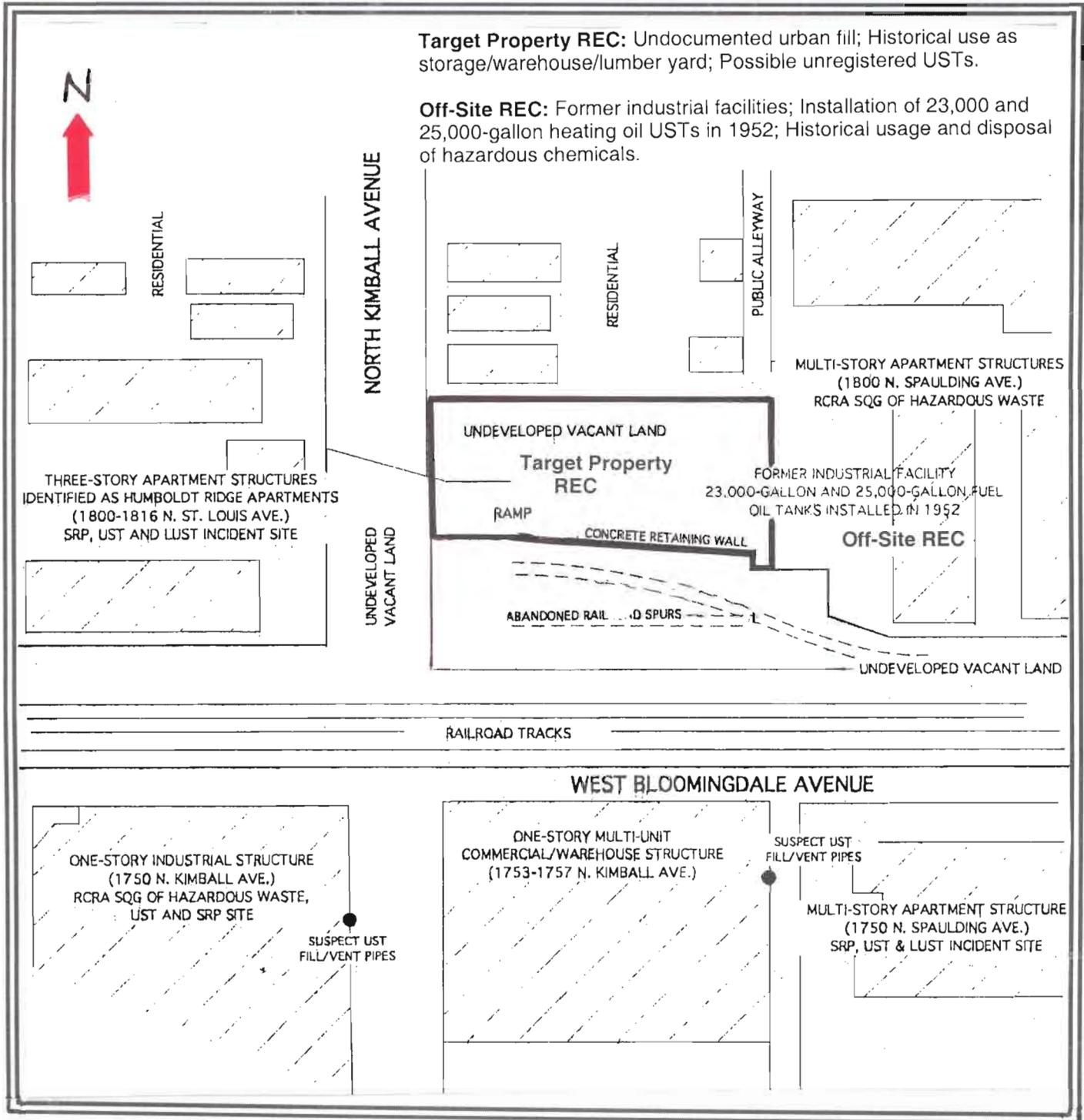


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(Phone) 630/260-0200 \* (Fax) 630/260-0797 (Website) www.clean-world.com

FIGURE TWO (2)

## PROPERTY MAP

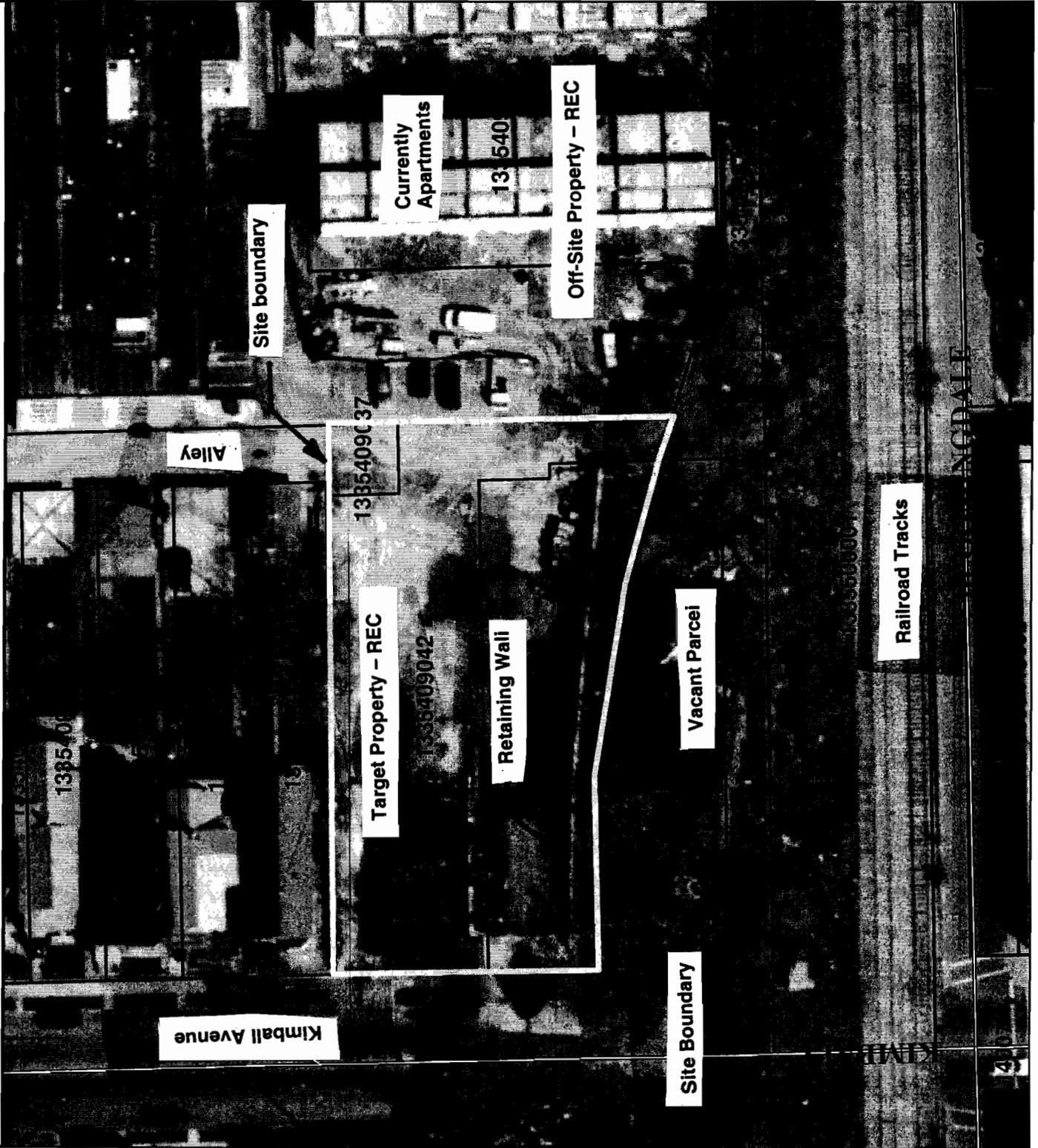


Engineering and Construction

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E-mail: cwe@clean-world.com • Website: www.clean-world.com

# Attachment 1: Site Location Map for 1807 to 1815 N. Kimball



## Legend

Site Boundary

FIGURE THREE (3)  
PIN MAP



City of Chicago  
Richard M. Daley, Mayor



Department of Environment  
Suzanne Malec-McKenna  
Commissioner

**APPENDIX A**  
**AERIAL PHOTOGRAPHS**

**1807-1815 North Kimball Avenue**

1807-1815 North Kimball Avenue

Chicago, IL 60647

Inquiry Number: 2693463.5

February 08, 2010

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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**Date EDR Searched Historical Sources:**

Aerial Photography February 08, 2010

**Target Property:**

1807-1815 North Kimball Avenue

Chicago, IL 60647

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1951	Aerial Photograph. Scale: 1"=750'	Panel #: 2441087-H6/Flight Date: December 04, 1951	EDR
1952	Aerial Photograph. Scale: 1"=750'	Panel #: 2441087-H6/Flight Date: March 29, 1952	EDR
1963	Aerial Photograph. Scale: 1"=750'	Panel #: 2441087-H6/Flight Date: November 29, 1963	EDR
1972	Aerial Photograph. Scale: 1"=750'	Panel #: 2441087-H6/Flight Date: October 26, 1972	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 2441087-H6/Flight Date: April 01, 1984	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 2441087-H6/Flight Date: April 12, 1988	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 2441087-H6/Flight Date: March 25, 1994	EDR
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR
2006, 2005	Aerial Photograph. 1" = 604'	Flight Year: 2006,2005 composite photo	EDR

GS-SA

SITE

INQUIRY #: 2693463.5

YEAR: 1951

— = 750'





INQUIRY #: 2693463.5

YEAR: 1952

| = 750'





SITE

INQUIRY #: 2693463.5

YEAR: 1963

— = 750'





SITE

INQUIRY #: 2693463.5

YEAR: 1972

— = 750'





INQUIRY #: 2693463.5

YEAR: 1984

|—————| = 1000'





INQUIRY #: 2693463.5

YEAR: 1988

— = 750'



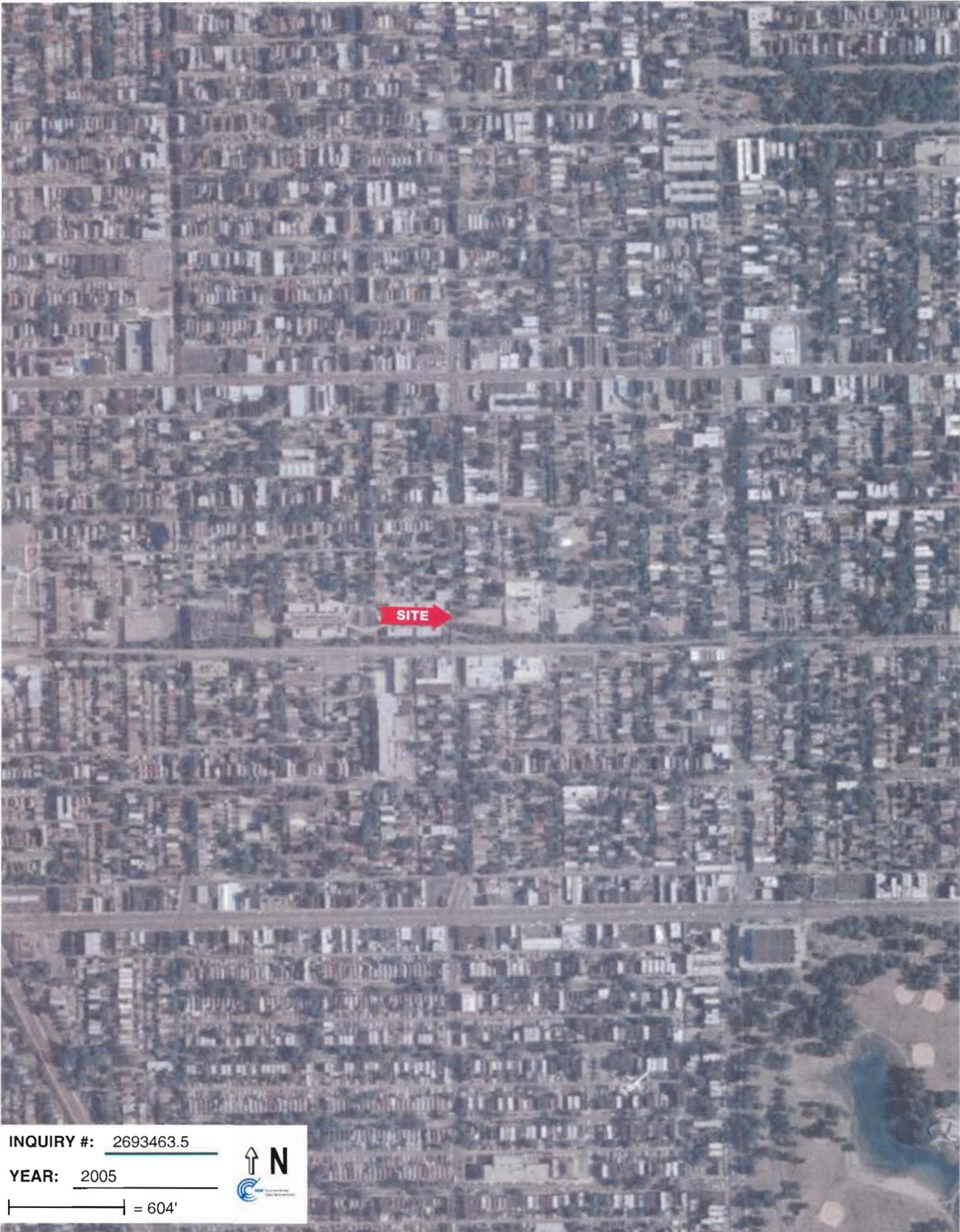


INQUIRY #: 2693463.5

YEAR: 1994

 = 750'





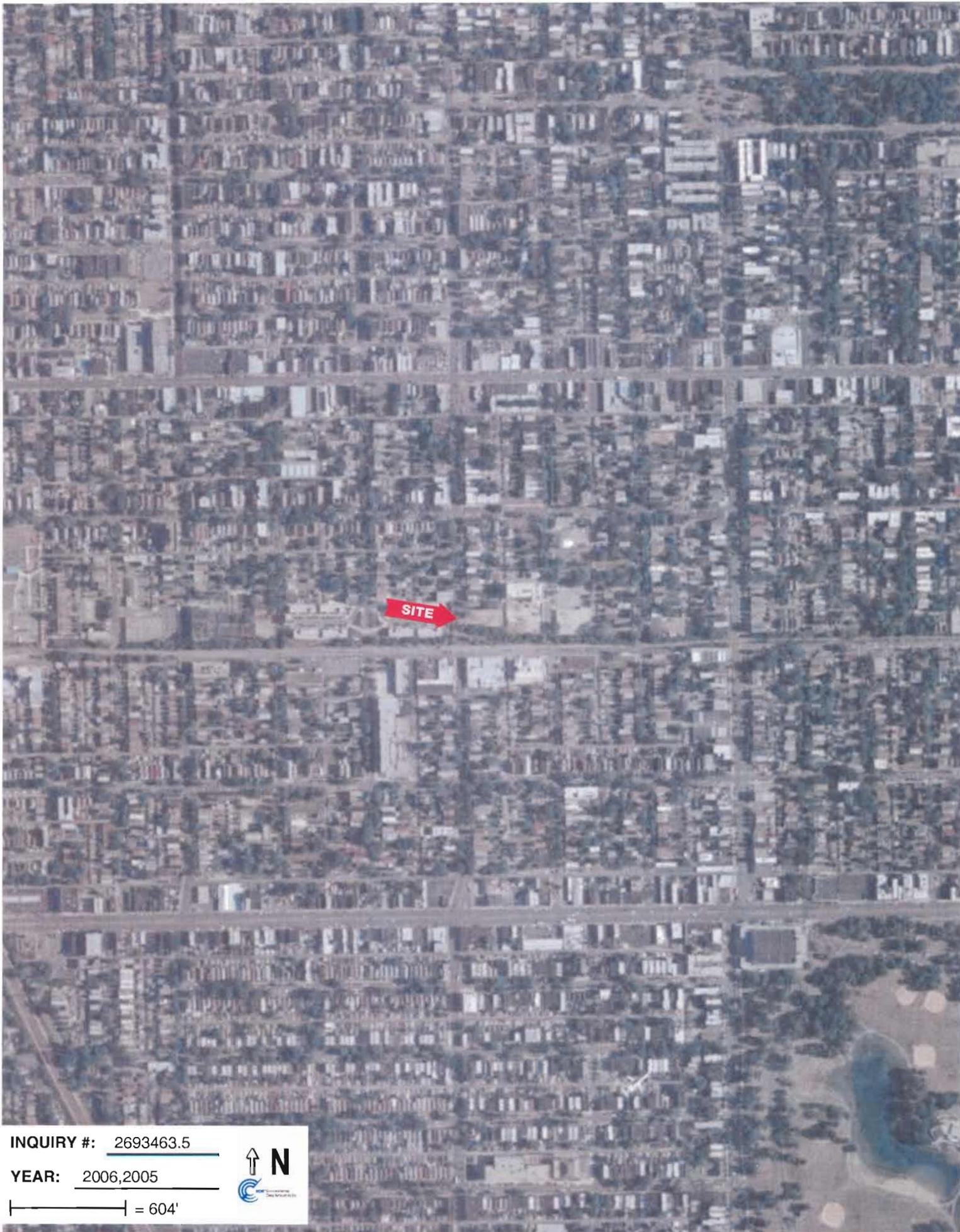
SITE

INQUIRY #: 2693463.5

YEAR: 2005

|—————| = 604'





INQUIRY #: 2693463.5

YEAR: 2006, 2005

— = 604'



## **APPENDIX B**

### **TOPOGRAPHIC MAPS**



**1807-1815 North Kimball Avenue**

1807-1815 North Kimball Avenue

Chicago, IL 60647

Inquiry Number: 2693463.4

February 08, 2010

## The EDR Historical Topographic Map Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

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with any questions or comments.

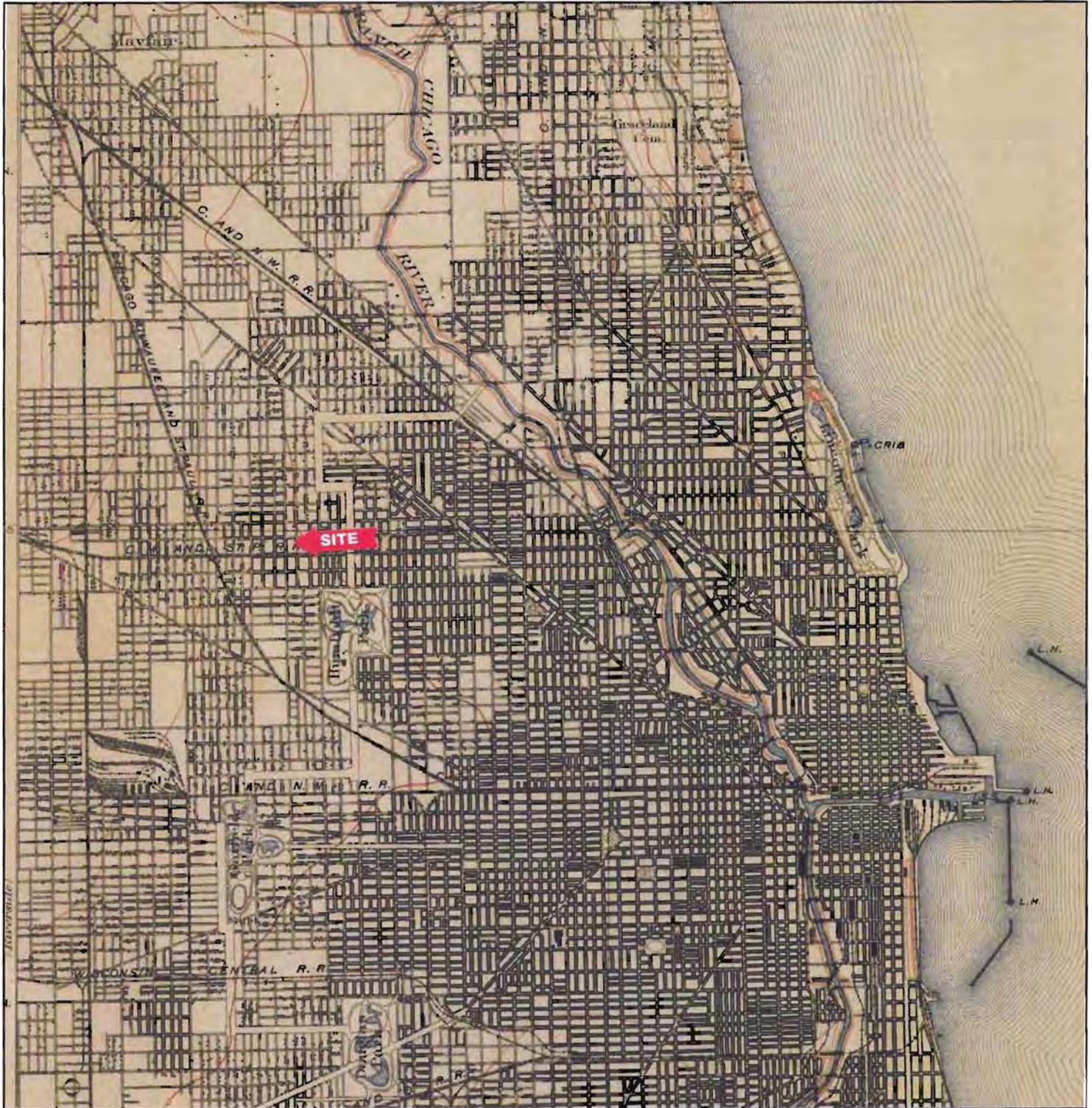
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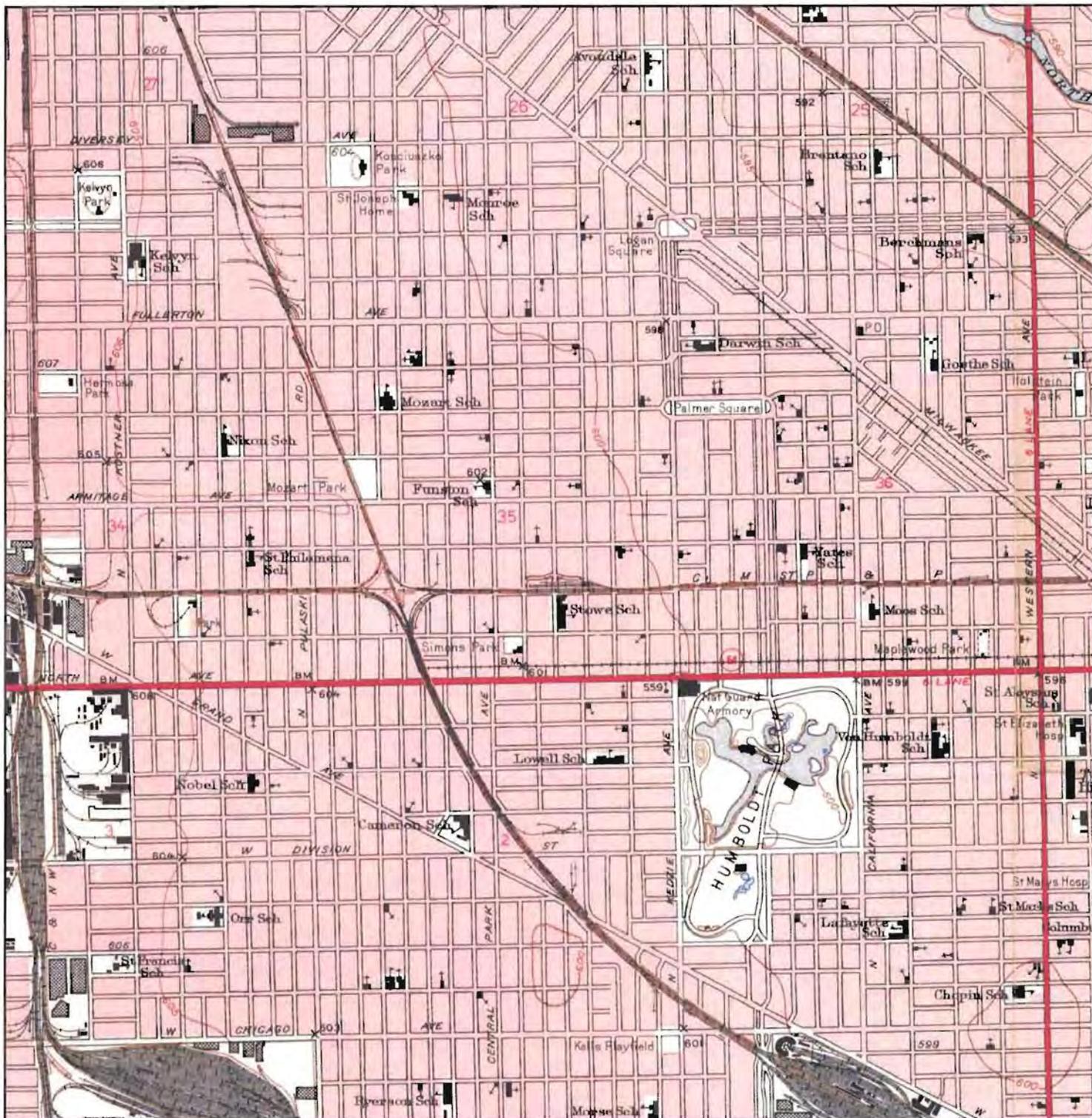
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# Historical Topographic Map



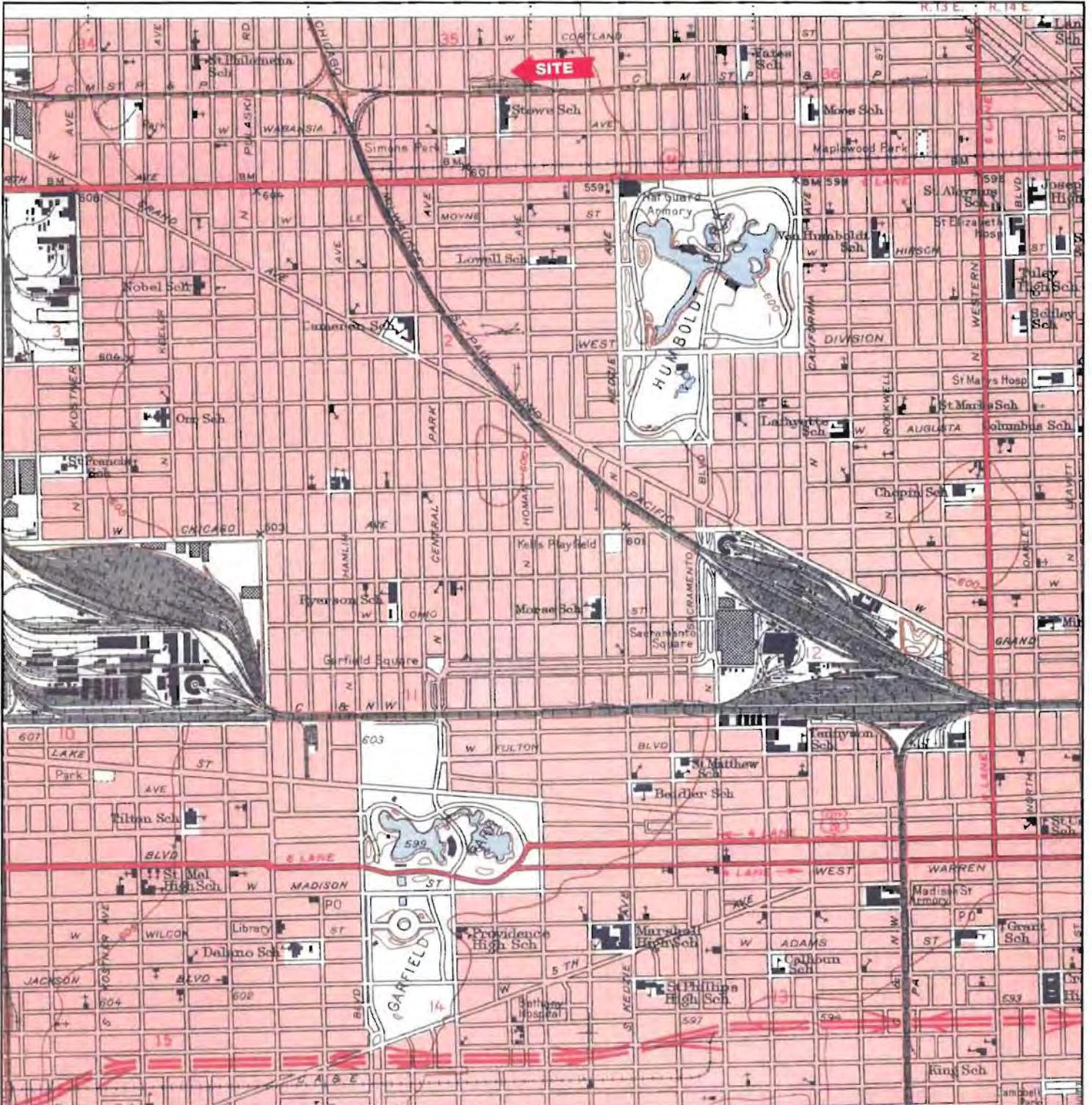
N ↑	TARGET QUAD NAME: CHICAGO MAP YEAR: 1901	SITE NAME: 1807-1815 North Kimball Avenue ADDRESS: 1807-1815 North Kimball Avenue Chicago, IL 60647 LAT/LONG: 41.9141 / 87.7114	CLIENT: Clean World Engineering, Ltd. CONTACT: Thomas Blaszak INQUIRY#: 2693463.4 RESEARCH DATE: 02/08/2010
	SERIES: 15 SCALE: 1:62500		

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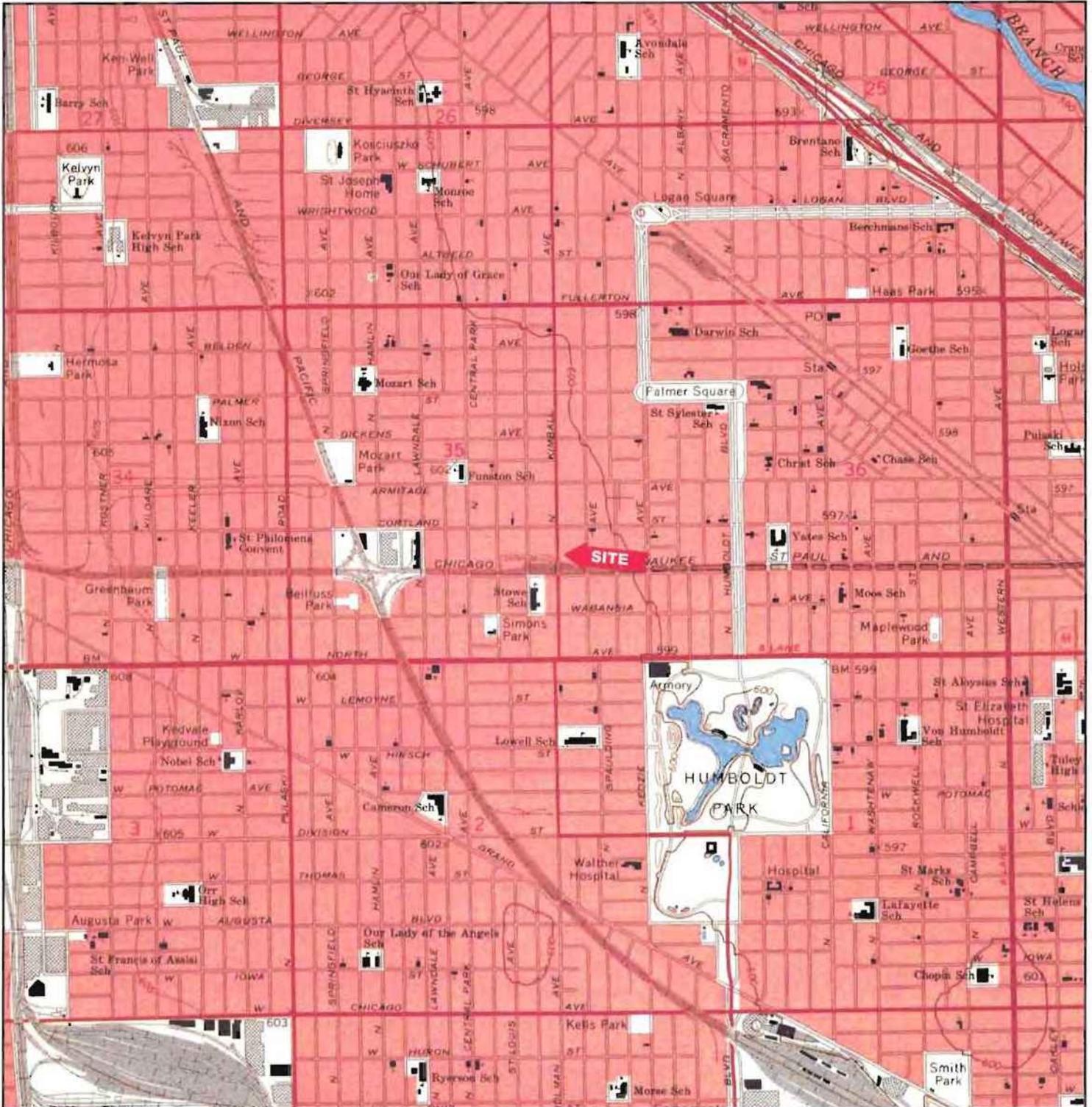
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	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



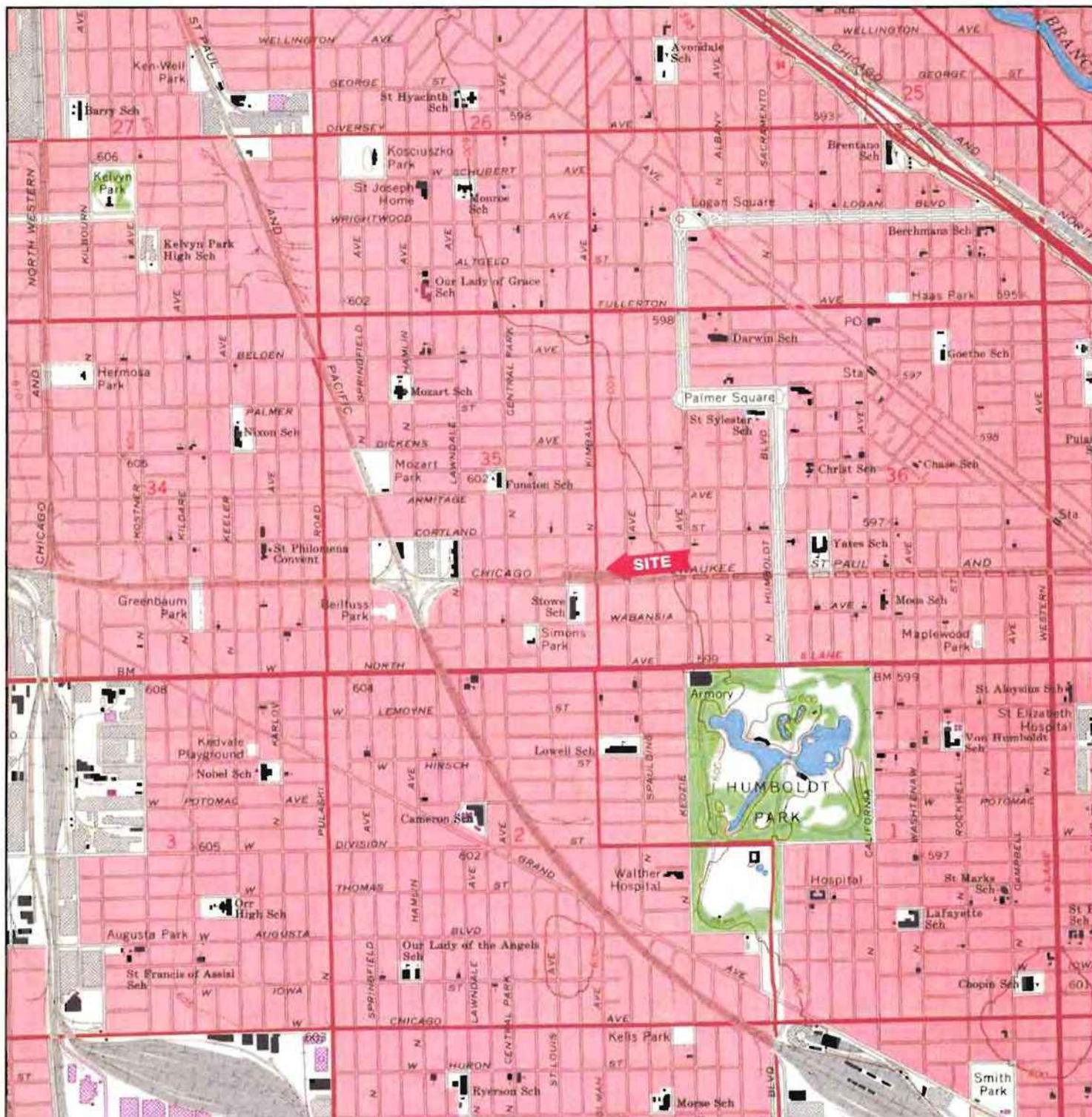
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	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



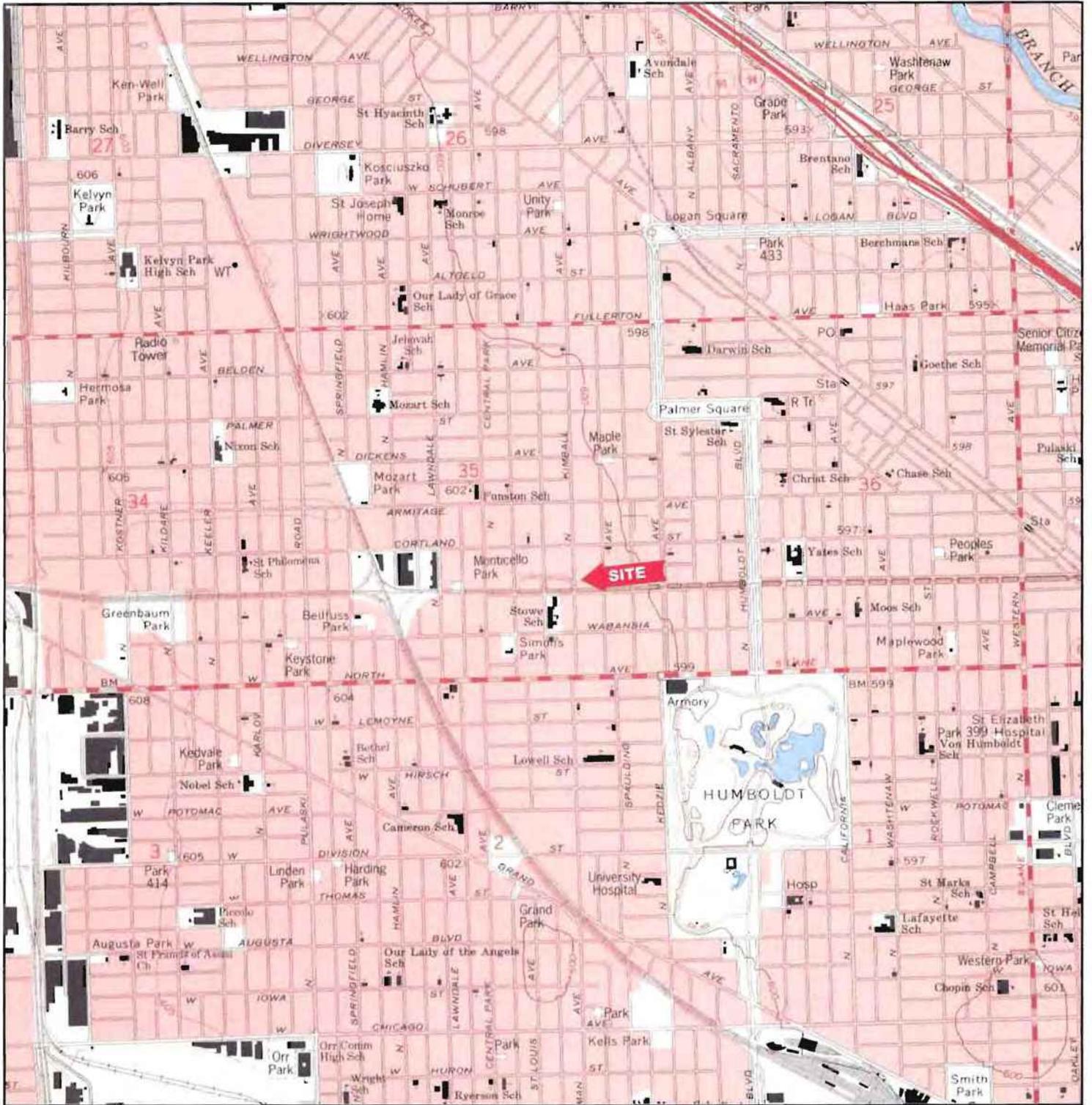
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# Historical Topographic Map



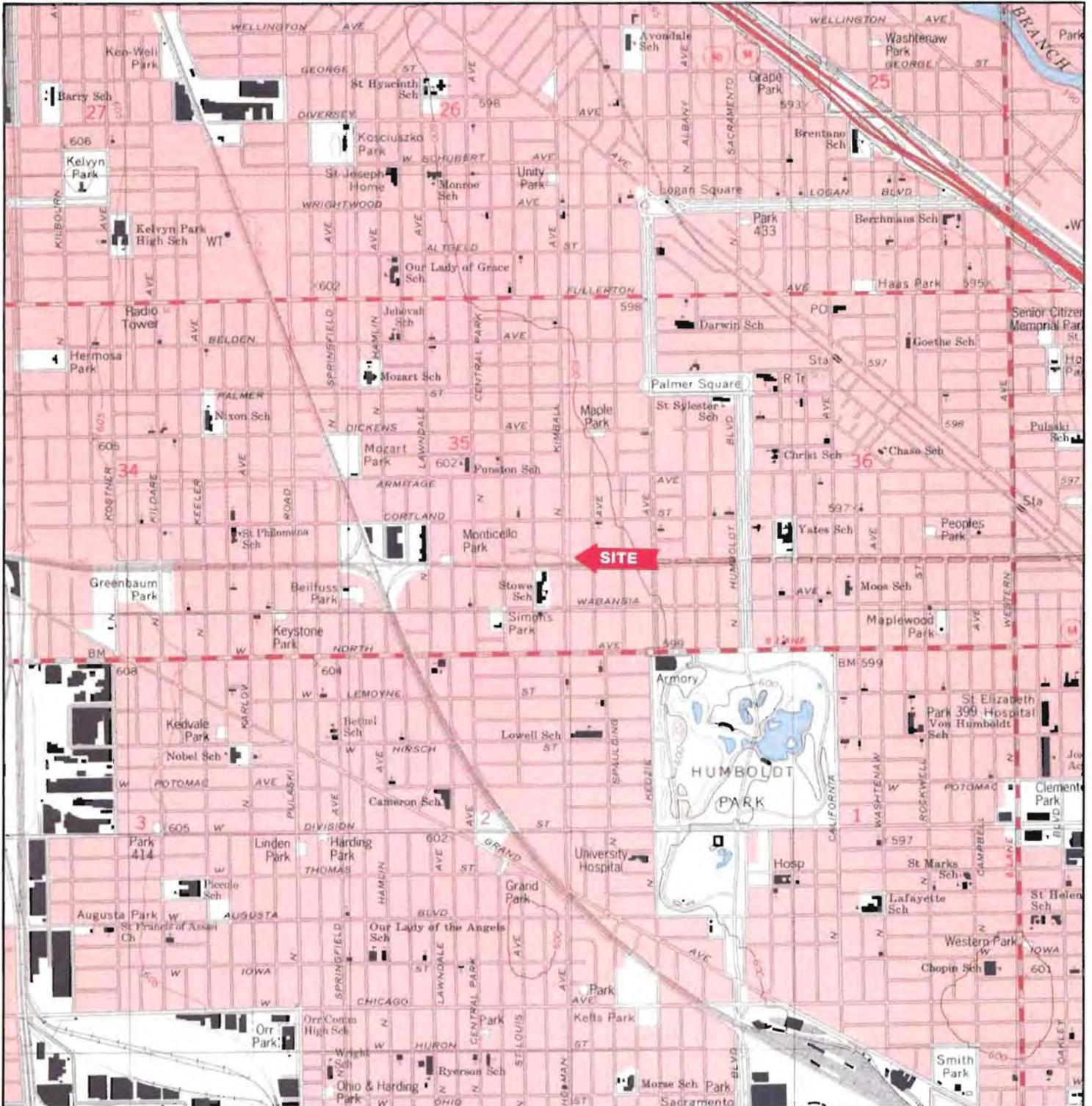
<p>N ↑</p>	TARGET QUAD	SITE NAME:	1807-1815 North Kimball Avenue	CLIENT:	Clean World Engineering, Ltd.	
	NAME:	CHICAGO LOOP	ADDRESS:	1807-1815 North Kimball Avenue	CONTACT:	Thomas Blaszak
	MAP YEAR:	1972		Chicago, IL 60647	INQUIRY#:	2693463.4
	PHOTOREVISED FROM:	1963	LAT/LONG:	41.9141 / 87.7114	RESEARCH DATE:	02/08/2010
	SERIES:	7.5				
	SCALE:	1:24000				

# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: CHICAGO LOOP MAP YEAR: 1993</p>	<p>SITE NAME: 1807-1815 North Kimball Avenue ADDRESS: 1807-1815 North Kimball Avenue Chicago, IL 60647 LAT/LONG: 41.9141 / 87.7114</p>	<p>CLIENT: Clean World Engineering, Ltd. CONTACT: Thomas Blaszak INQUIRY#: 2693463.4 RESEARCH DATE: 02/08/2010</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: CHICAGO LOOP MAP YEAR: 1997</p>	<p>SITE NAME: 1807-1815 North Kimball Avenue ADDRESS: 1807-1815 North Kimball Avenue Chicago, IL 60647 LAT/LONG: 41.9141 / 87.7114</p>	<p>CLIENT: Clean World Engineering, Ltd. CONTACT: Thomas Blaszak INQUIRY#: 2693463.4 RESEARCH DATE: 02/08/2010</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>		

**APPENDIX C**  
**SANBORN MAPS**

**1807-1815 North Kimball Avenue**

1807-1815 North Kimball Avenue

Chicago, IL 60647

Inquiry Number: 2693463.3

February 08, 2010

## Certified Sanborn® Map Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

2/08/10

**Site Name:**

1807-1815 North Kimball  
1807-1815 North Kimball  
Chicago, IL 60647

**Client Name:**

Clean World Engineering, Ltd.  
1737 South Naperville Road  
Wheaton, IL 60187



EDR Inquiry # 2693463.3

Contact: Thomas Blaszak

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Clean World Engineering, Ltd. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

### Certified Sanborn Results:

**Site Name:** 1807-1815 North Kimball Avenue  
**Address:** 1807-1815 North Kimball Avenue  
**City, State, Zip:** Chicago, IL 60647  
**Cross Street:**  
**P.O. #** NA  
**Project:** TOR #09-DOE-0022  
**Certification #** 20E9-4C3E-AB5E



Sanborn® Library search results  
Certification # 20E9-4C3E-AB5E

**Maps Provided:**

2004	1950
2002	1921
1994	1896
1991	
1988	
1975	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

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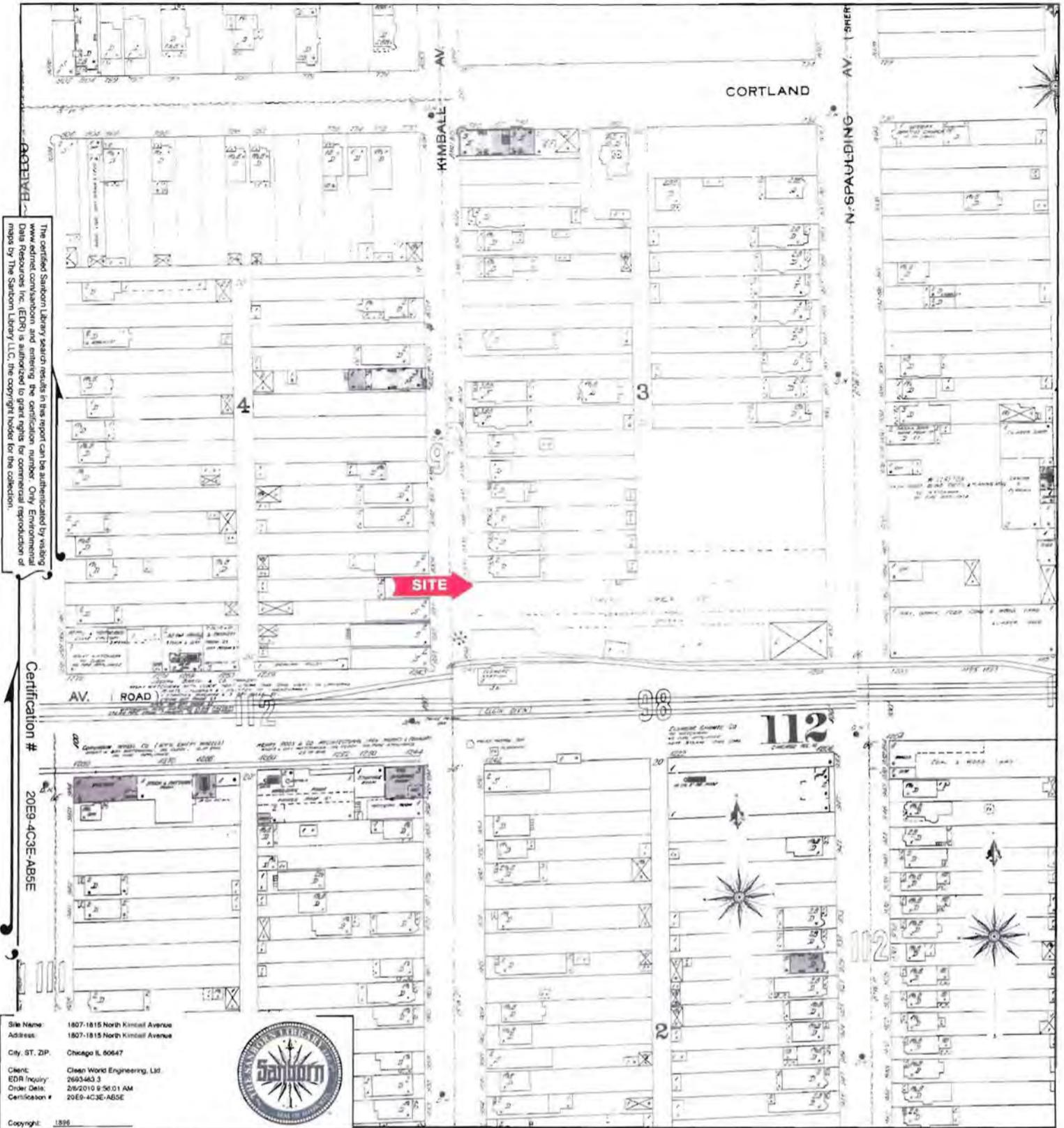
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# 1896 Certified Sanborn Map



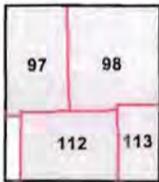
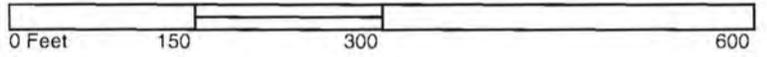
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Certification #  
20E9-4C3E-AB5E

Site Name: 1807-1815 North Kimball Avenue  
 Address: 1807-1815 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clean World Engineering, Ltd.  
 EDR Inquiry #: 2693463-3  
 Order Date: 202010 9:50:01 AM  
 Certification #: 20E9-4C3E-AB5E  
 Copyright: 1896



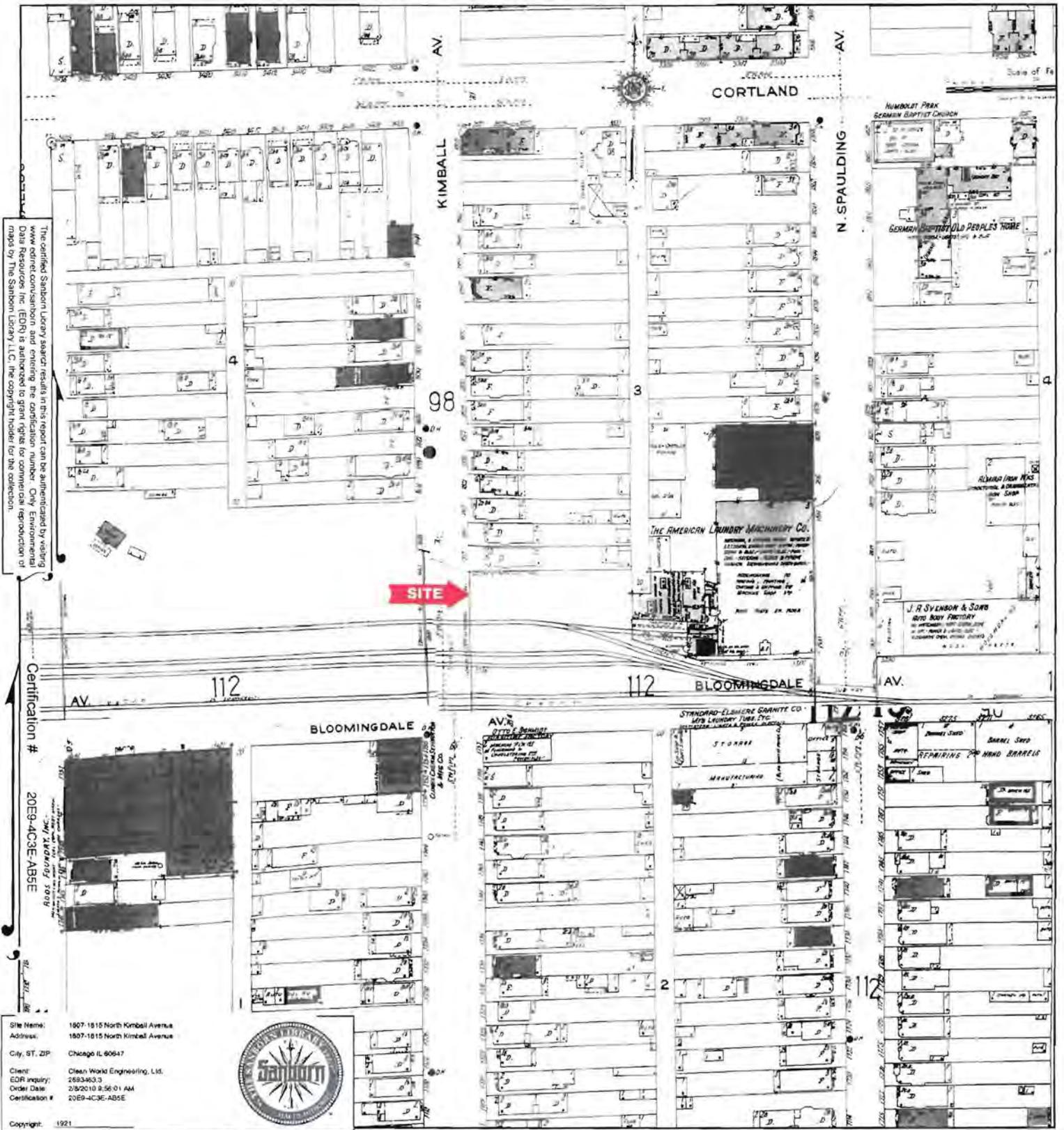
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 10, Sheet 97
- Volume 10, Sheet 98
- Volume 10, Sheet 112
- Volume 10, Sheet 113



# 1921 Certified Sanborn Map



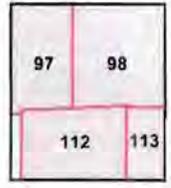
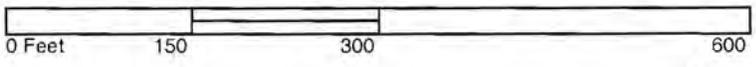
The certified Sanborn map search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC, the copyright holder for the collection.

Certification #  
20E9-4C3E-AB5E

Site Name: 1807-1815 North Kimball Avenue  
 Address: 1807-1815 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clean World Engineering, Ltd.  
 EDR Inquiry: 2/8/2010 9:56:01 AM  
 Order Date: 2/8/2010 9:56:01 AM  
 Certification #: 20E9-4C3E-AB5E  
 Copyright: 1921



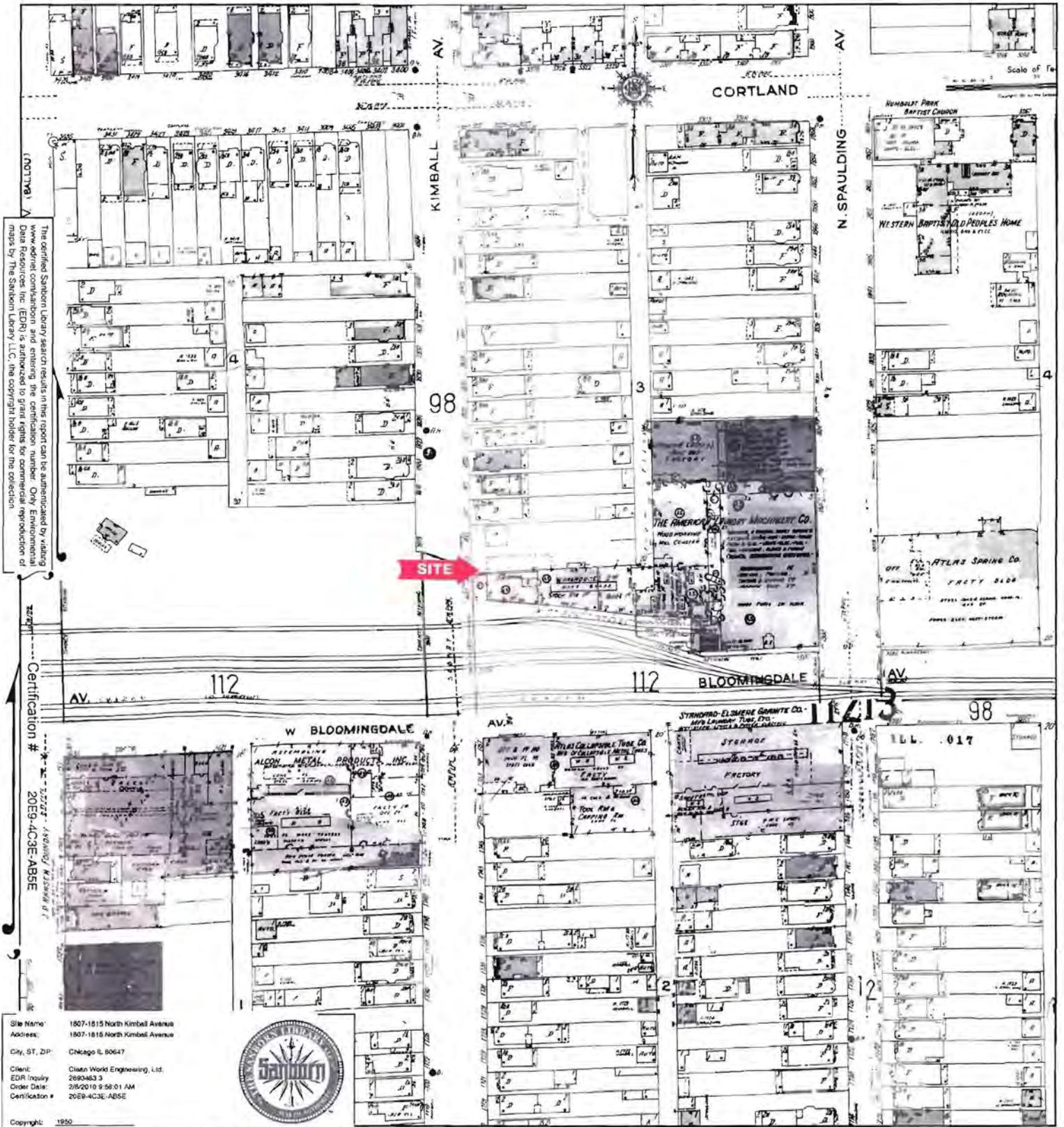
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 10, Sheet 112
- Volume 10, Sheet 113
- Volume 10, Sheet 97
- Volume 10, Sheet 98



# 1950 Certified Sanborn Map



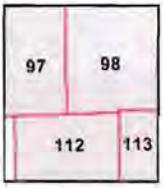
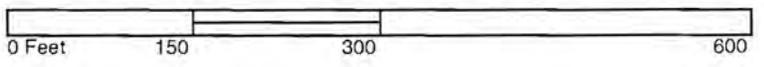
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 20E9-4C3E-AB5E

Site Name: 1807-1815 North Kimball Avenue  
 Address: 1807-1815 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clain World Engineering, Ltd.  
 EDR Inquiry: 2/9/2010 9:56:01 AM  
 Certification #: 20E9-4C3E-AB5E



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 10, Sheet 97
- Volume 10, Sheet 98
- Volume 10, Sheet 112
- Volume 10, Sheet 113



# 1975 Certified Sanborn Map



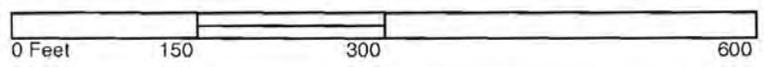
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com](http://www.edr.com) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 20E9-4C3E-AB5E

Site Name: 1807-1815 North Kimbell Avenue  
 Address: 1807-1815 North Kimbell Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clean World Engineering, Ltd  
 EDR Inquiry: 2693463-3  
 Order Date: 2/8/2010 9:58:01 AM  
 Certification #: 20E9-4C3E-AB5E



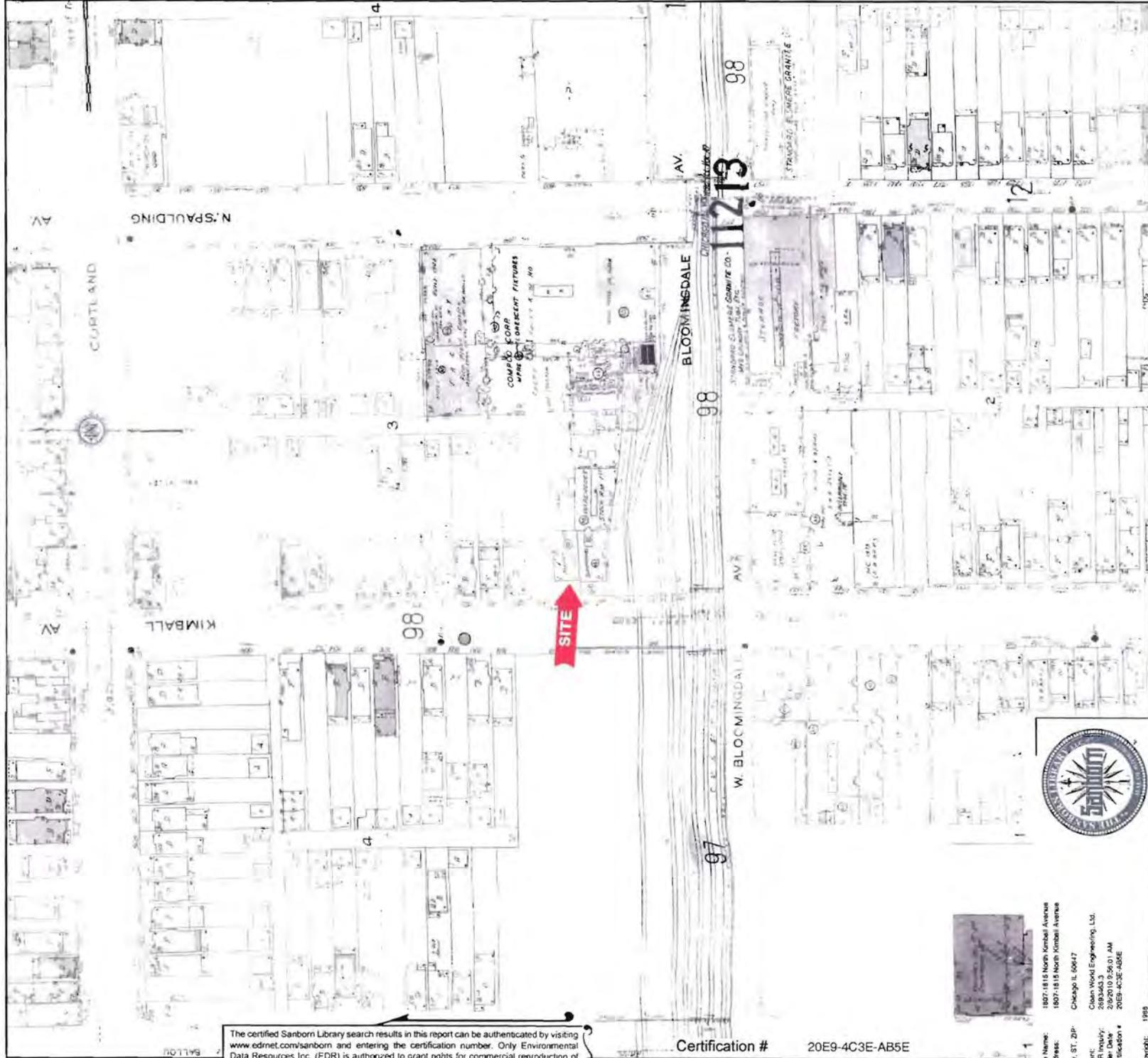
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 10, Sheet 112
- Volume 10, Sheet 113
- Volume 10, Sheet 98
- Volume 10, Sheet 97



# 1988 Certified Sanborn Map



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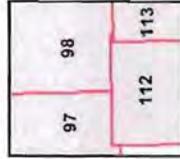
Certification # 20E9-4C3E-AB5E

Site Name: 1907-18 15 North Kimball Avenue  
Address: 1907-18 15 North Kimball Avenue  
City, ST, ZIP: Chicago IL 60647  
Client: Clean World Engineering, Ltd.  
EDR Inquiry: 20E9-4C3E-AB5E (1) AM  
Certification #: 20E9-4C3E-AB5E



Copyright: 1988

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

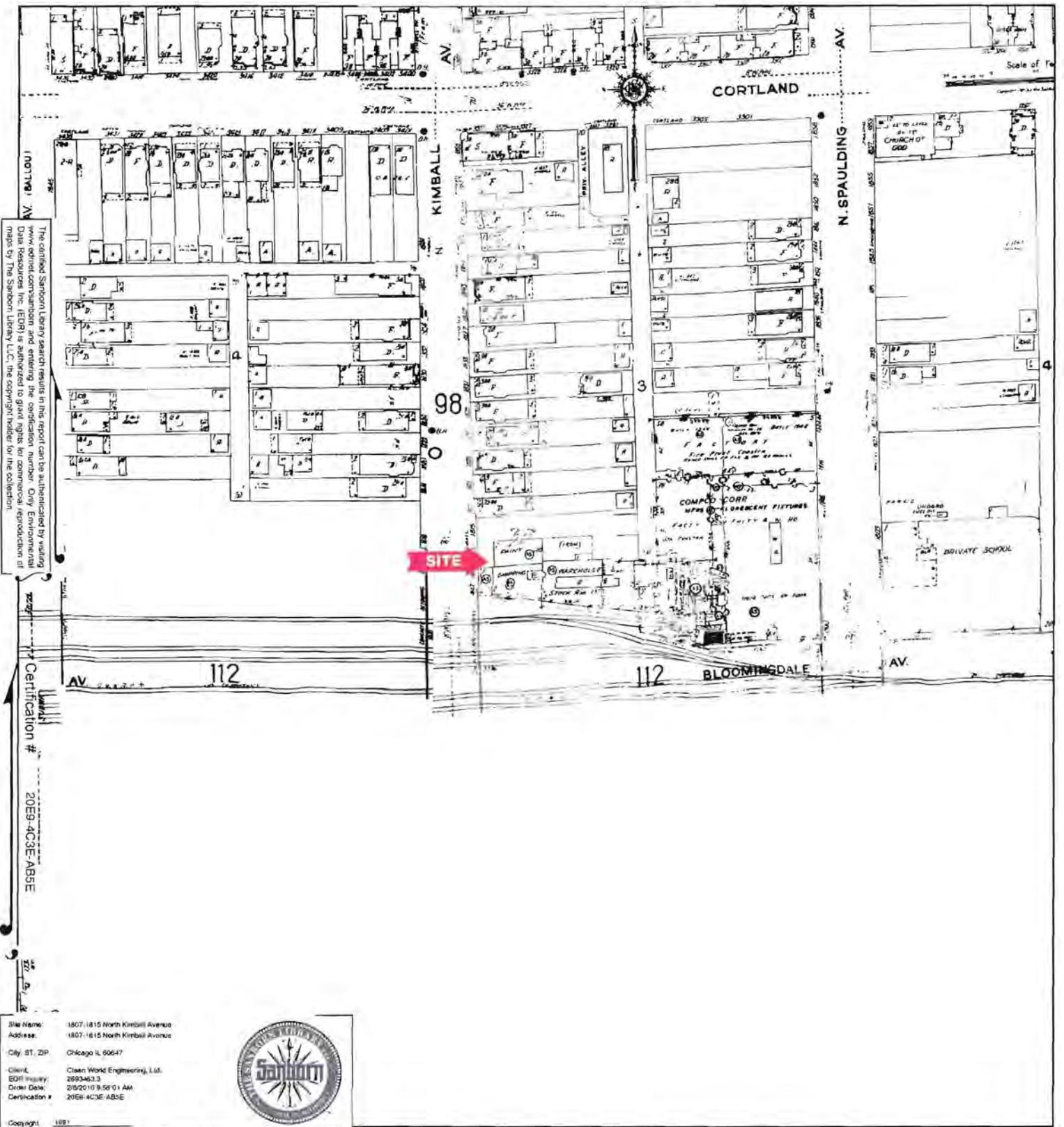


Volume 10, Sheet 97  
Volume 10, Sheet 98  
Volume 10, Sheet 112  
Volume 10, Sheet 113



2693463 - 3 page 10

# 1991 Certified Sanborn Map



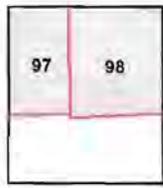
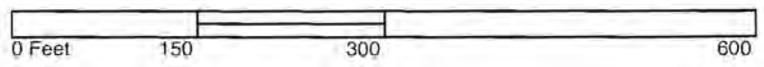
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Certification # 20E9-4C3E-AB5E

Site Name: 1807-1815 North Kimball Avenue  
 Address: 1807-1815 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clean World Engineering, L.L.C.  
 EDRI Inquiry: 2693463-3  
 Order Date: 2/5/20 10:39:50 AM  
 Certification #: 20E9-4C3E-AB5E



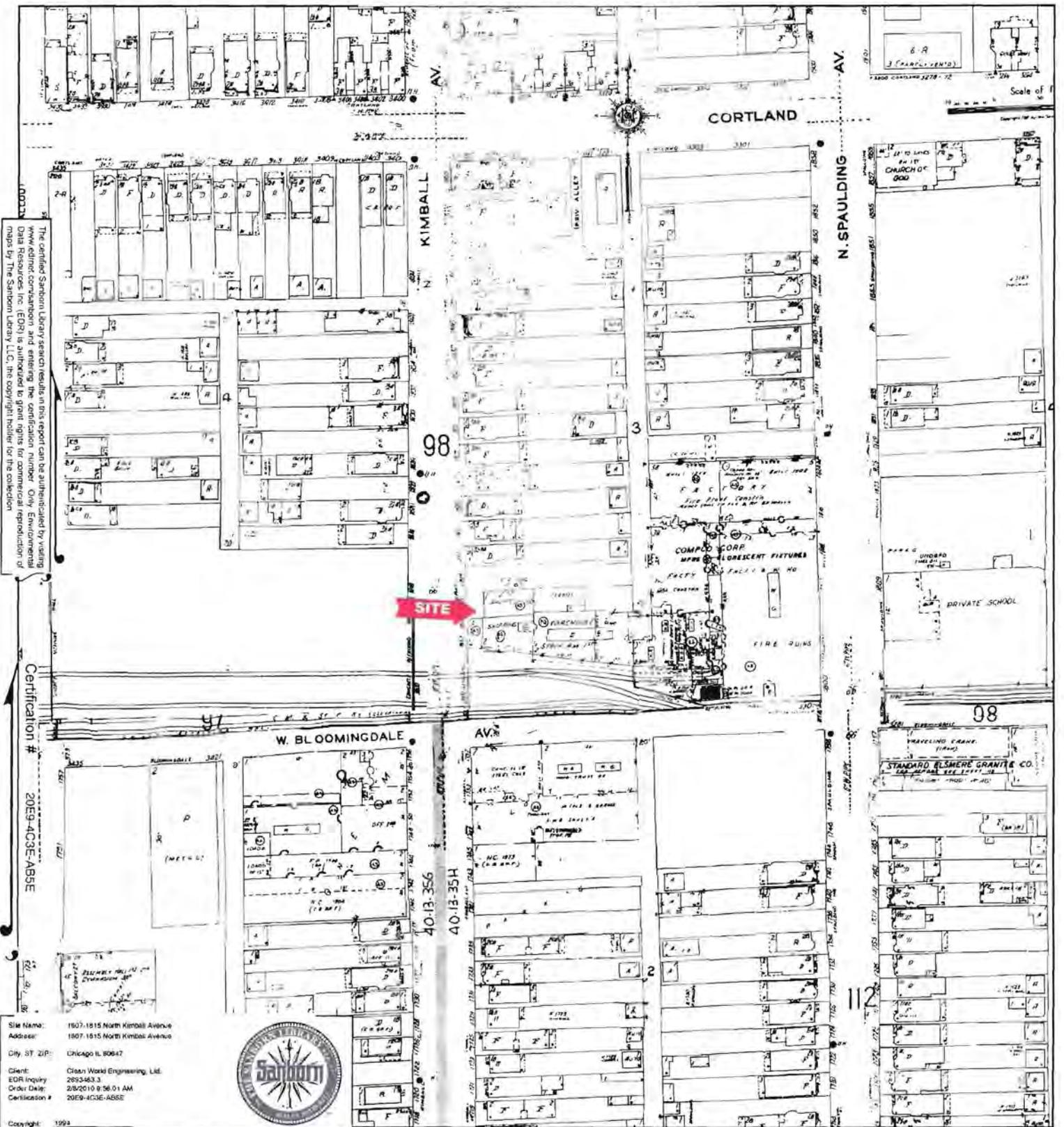
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 10, Sheet 98  
 Volume 10, Sheet 97



# 1994 Certified Sanborn Map



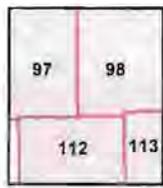
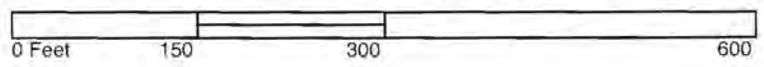
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Certification # 20E9-4CCE-AB5E

Site Name: 1507-1515 North Kimball Avenue  
 Address: 1507-1515 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clean World Engineering, Ltd.  
 EDRI Inquiry: 2893463.3  
 Order Date: 28/02/10 @ 9:56:01 AM  
 Certification #: 20E9-4CCE-AB5E



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 10, Sheet 113
- Volume 10, Sheet 112
- Volume 10, Sheet 97
- Volume 10, Sheet 98



# 2002 Certified Sanborn Map



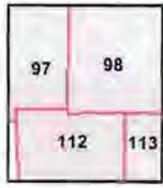
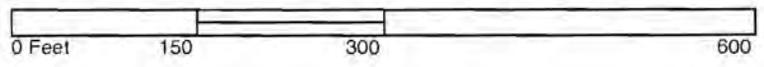
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Certification # 20E9-4C3E-AB3E

Site Name: 1807-1815 North Kimball Avenue  
 Address: 1807-1815 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Clean World Engineering Ltd.  
 EDR Inquiry: 2/3/2010 9:36:01 AM  
 Order Date: 2/3/2010 9:36:01 AM  
 Certification #: 20E9-4C3E-AB3E



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 10, Sheet 97  
 Volume 10, Sheet 98  
 Volume 10, Sheet 112  
 Volume 10, Sheet 113



# 2004 Certified Sanborn Map



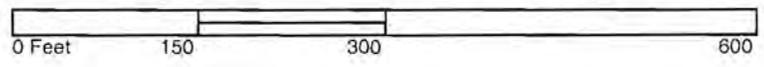
The certified Sanborn Library search results in this report can be authenticated by visiting [www.ednr.com/sanborn](http://www.ednr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #  
20E9-4C3E-AB5E

Site Name: 1807-1815 North Kimball Avenue  
 Address: 1807-1815 North Kimball Avenue  
 City, ST, ZIP: Chicago IL 60647  
 Client: Class World Engineering, L.L.C.  
 EDR Inquiry: 2/6/2010 9:50:31 AM  
 Order Date: 20E9-4C3E-AB5E  
 Copyright: 2004



This Certified Sanborn Map combines the following sheets (thumbnails on page 3),



Volume 10, Sheet 97  
 Volume 10, Sheet 98  
 Volume 10, Sheet 112  
 Volume 10, Sheet 113



**APPENDIX D**  
**CITY DIRECTORIES**

**1807-1815 North Kimball Avenue**

1807 North Kimball Avenue  
Chicago, IL 60647

Inquiry Number: 2693463.6  
February 08, 2010

## The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## 2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

**City Directory Report.** Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

**Options for Selecting Adjoining Properties.** Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit [www.edrnet.com/2009enhancements](http://www.edrnet.com/2009enhancements)

## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2005. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2005	Haines Company Inc.	-	-	-	-
1999	Haines & Company	-	-	-	-
1993	Illinois Bell	-	-	-	-
1986	Illinois Bell Telephone	-	-	-	-
1981	Reuben H. Donnelley Telephone	-	-	-	-
1976	Illinois Bell Telephone	-	-	-	-
1971	The Reuben H. Donnelley Corporation Telephone	-	-	-	-
1966	Illinois Bell Telephone	-	-	-	-
1961	Illinois Bell Telephone	-	-	-	-
1957	Illinois Bell Telephone	-	-	-	-
1951	Illinois Bell Telephone	-	-	-	-
1949	Illinois Bell Telephone	-	-	-	-
1947	Illinois Bell Telephone	-	-	-	-
1941	The Reuben H. Donelley Corporation	-	X	X	-
1932	Illinois Bell Telephone	-	-	-	-
1931	Illinois Bell Telephone	-	-	-	-
1928	R. L. Polk & Co.	-	X	X	-
1923	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

1807 North Kimball Avenue  
Chicago, IL 60647

### FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Etchingham Thos macb Wilk Geo lab	R. L. Polk & Co. R. L. Polk & Co.

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### KIMBALL AVE

##### 1815 KIMBALL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Wilk Ella solder	R. L. Polk & Co.

##### 1817 KIMBALL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	Heaber Gertrude clk r	R. L. Polk & Co.
	Heaber Chas chauf h	R. L. Polk & Co.
	Krajewski Thos mach h	R. L. Polk & Co.
1923	Wohlt Otto boxmkr	R. L. Polk & Co.
	Jafferries Jacob formn	R. L. Polk & Co.
	Wohlt Lotti mach opr	R. L. Polk & Co.
	Jafferries Dorothy phono opr	R. L. Polk & Co.

#### N KIMBALL AVE

##### 1806 N KIMBALL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1941	Kimball Barbr Shop	The Reuben H. Donelley Corporation

#### W KIMBALL AVE

##### 1817 W KIMBALL AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Jeffries Jacob clk	R. L. Polk & Co.

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not listed in the research source.

#### Address Researched

1807 North Kimball Avenue

#### Address Not Listed in Research Source

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

### ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

#### Address Researched

1806 N KIMBALL AVE

1815 KIMBALL AVE

1817 KIMBALL AVE

1817 W KIMBALL AVE

#### Address Not Listed in Research Source

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1932, 1931, 1928, 1923

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928

## APPENDIX E

### TITLE SEARCH INFORMATION

**No Title Search Information Requested**

**APPENDIX F**  
**REGULATORY DATABASE INFORMATION**



# Envirofacts Data Warehouse

You are here: [EPA Home](#) [Envirofacts](#) [Multisystem](#) [Query Results](#)

## Query Results



**Location Address:** 1807-1815 north kimball

**City Name:** chicago

**County Name:** cook

**State Abbreviation:** il

**EPA Region Code:** 5

**Total Number of Facilities Displayed: 0**



# Envirofacts Data Warehouse

You are here: [EPA Home](#) [Envirofacts](#) [Multisystem](#) [Query Results](#)

## Query Results



**ZIP Code:** 60647  
**State Abbreviation:** il  
**EPA Region Code:** 5

### LIST OF EPA-REGULATED FACILITIES IN ENVIROFACTS

To see a report on a facility click on the underlined Facility Name. Click on the underlined "View Facility Information" link to view EPA Facility information for the facility.

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<u>FACILITY NAME/ADDRESS</u>	<u>FACILITY INFORMATION</u>	<u>Permitted Discharges to Water?</u>	<u>Toxic Releases Reported?</u>	<u>Hazardous Waste Handler?</u>	<u>Active or Archived Superfund Report?</u>	<u>Air Releases Reported?</u>
1800 NORTH HUMBOLDT BUILDING 1800 N HUMBOLDT CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
AABBITT ADHESIVES INC 2403 N. OAKLEY AVE. CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	YES	NO	NO	YES
AAM-RO CORP 2340 W. WABANSIA AVE. CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	YES	YES	NO	NO
ABCO SCREENPRINT CO INC 2375 MILWAUKEE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
ADVERTISING POSTERS CO 2240 W DIVERSEY AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
AEROFLASH SIGNAL CORP 3951 W BELDEN ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
AETNA PIPE PRODUCTS	<a href="#">View Facility</a>					

3515 W ARMITAGE AVE CHICAGO, IL 60647	Information	NO	NO	YES	NO	NO
AIRGUIDE INSTRUMENT CO 2210 W WABANSIA AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	YES
ALBANY CHICAGO CO 2012 W ST PAUL CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
AMERICAN STATUARY INC 2719 N MAPLEWOOD AVE CHICAGO, IL 60647	View Facility Information	NO	NO	NO	NO	YES
AMERICAN THIESSEN LLC 2357 N. MILWAUKEE CHICAGO, IL 60647	View Facility Information	NO	NO	NO	NO	YES
AMOCO 15599 1950 N CALIFORNIA CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
AMOCO 18900 2800 FULLERTON CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
AMOCO 5031 2401 W DIVERSEY CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
AMOCO CORP FULLERTON REPRO 2100 W FULLERTON AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
AMOCO OIL CO 2357 W FULLERTON CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
APOLO RADIATORS SERV 3210 W ARMITAGE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
APPETIZERS AND INC 2555 N ELSTON AVE CHICAGO, IL 60647	View Facility Information	NO	NO	NO	NO	YES
ARBY GRAPHIC SERVICE 2842 W FULLERTON CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
ARMITAGE CLEANERS 3301 W ARMITAGE	View Facility Information	NO	NO	YES	NO	NO

CHICAGO, IL 60647						
ARMITAGE NO 1 CLEANERS 3052 W ARMITAGE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
ARROW PLASTIC MANUFACTURING CO 2332 W LOGAN BLVD CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
AUTO CLUTCH AND PARTS 3125 WEST FULLERTON AVENUE CHICAGO, IL 606472809	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
B & J ANTIQUES 2730 N ELSTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
BABYS PERFECT DIAPER SERVICE 3030 W FULLERTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
BEL AIR TOOL DIE & ENG 2418 W BLOOMINGDALE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
BERNHARD MOOS SCHOOL 1711 N CALIFORNIA CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
BERTEAU-LOWELL PLATING PLATING INC 2318 W FULLERTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
BERTEAU-LOWELL PLATING WORKS INC. 2320 W. FULLERTON AVE. CHICAGO, IL 606473298	<a href="#">View Facility Information</a>	NO	YES	YES	NO	NO
BRENTANO MATH & SCIENCE ACAD 2723 N FAIRFIELD CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
BRIGHT METAL FINISHING CO 3905 W. ARMITAGE	<a href="#">View Facility Information</a>	NO	YES	YES	NO	YES

AVE. CHICAGO, IL 60647						
CAPITOL BANK AND TRUST CO OF CHICAGO 2320 N DAMEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CARLOS AUTO SPECIALIST 3929 W FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CASIMIR PULASKI COMM ACAD 2230 W MCCLEAN CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CDE APPLIANCES 3636 WEST NORTH AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
CENTRAL AUTOBODY 3548 W NORTH AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CENTRAL COMPOUNDING 1718 N DAMEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
CENTRAL ELSTON AUTO 1201 E TOUHY CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CHA-J C LATHROP HOMES 2567 N HOYNE AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
CHA-LATHROP ELDERLY DEVELOPMENT 2717 N LEAVITT ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
CHA-LATHROP HOMES DEVELOPMENT NUMEROUS CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
CHEE CLEANERS 2120 N WESTERN CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CHICAGO HOUSING AUTHORITY 2665 N HOYNE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
CHICAGO WIRE DESIGN 1750 N KIMBALL ST	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO

CHICAGO, IL 60647						
CHICAGO, CITY OF 3417 W FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CHICAGO, CITY OF ABANDONMENT 2419 W HOMER CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CHICAGO, CITY OF ABANDONMENT 1745 N WHIPPLE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CHICAGO, CITY OF ABANDONMENT 3058 W PALMER CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CHICAGO, CITY OF ABANDONMENT 2049 N BINGHAM CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CHICAGO, CITY OF SPFLD PUMPSTA 1714 N SPRINGFIELD AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CHICAGOLAND LAUNDRY CLEANERS 1701 N MILWAUKEE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
CHURCHILL CABINET CO 2119 W CHURCHILL CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
CHURCHILL-HOYNE LLC 1825 N LEAVITT ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CITY OF CHICAGO 2119 N RICHMOND CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CITY OF CHICAGO (ABANDONMENT) 1800 N SPAULDING CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
COMBINED PRINTING SPECIALTIES 2417 N WESTERN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
COMED MANHOLE 284A77 DAMEN & FULLERTON	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO

CHICAGO, IL 60647						
COMED-MANHOLE ARMITAGE & MILWAUKEE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
COMPCO CORP 1800 N SPAULDING AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CONTINENTAL BODY WORKS 3915 ARMITAGE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
CRESCENT PLATING WORKS INC 3650 WEST ARMITAGE AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	YES	YES	YES	YES
CULINARY FOODS INC 2620 N JONES CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
DAHLSTROM DISPLAY INC 2240 WEST DIVERSEY AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
DARWIN ELEM SCHOOL 3116 W BELDEN AV CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
DECAROY DIECASTING 3935 W SHAKESPEARE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
DEXT CO 2300 WEST ST. PAUL AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
DIVERSEY CLEANERS 3209-11 W DIVERSEY AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
DIVERSEY GAS 3559 W. DIVERSEY AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
ELSTON & LOGAN COMM DEV NEC ELSTON & LOGAN BLVD CHICAGO, IL 60647	<a href="#">View Facility Information</a>	YES	NO	NO	NO	NO
EMERSON ELCTRIC CO	<a href="#">View Facility</a>					

1750 N SPRINGFIELD AVE CHICAGO, IL 60647	<u>Information</u>	NO	YES	YES	NO	YES
EX CELL METAL PRODUCTS INC 2041 W CHURCHILL ST CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
EXPRESS CAR WASH 2111 W FULLERTON CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FCI INC 1750 N LAWRENCE AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	YES
FIELD TOOL 2358 N SEELEY CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FINISHING ARTS 2035 W WABANSIA CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FINZER ROLLER CO 3920 W ARMITAGE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FORMER ARCO FACILITY #X0171 2317 W ARMITAGE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FOX TOOL 1665 N MILWAUKEE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FRANCISCAN SISTERS OF CHICAGO 2650 N RIDGEWAY AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	NO	NO	YES
FREDERICK COOPER LAMPS INC 2545 W. DIVERSEY AVE. CHICAGO, IL 60647	<u>View Facility Information</u>	NO	YES	YES	NO	YES
FREDERICK FUNSTON 2010 N CENTRAL PARK AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FULLERTON AUTO SALES 3000 W FULLERTON CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	YES	NO	NO
FULLERTON CLEANERS 3205 W FULLERTON AVE	<u>View Facility Information</u>	NO	NO	YES	NO	NO

CHICAGO, IL 60647						
GALLANT GREETINGS CORP 2654 W MEDILL CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
GEAR SPECIALTIES CO INC 2635 W MEDILL AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
GENERAL CINEMA INC 2600 2650 N WESTERN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
GENERAL IRON INDUSTRIES INC 2439 N LEAVITT ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
GILANI AUTO CLINIC 1743 N DAMEN CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
GOETHE ELEM SCHOOL 2236 N ROCKWELL ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
GUANTOS AUTO BODY CTR 1614 N DRAKE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
H & H GRAPHICS 2914 W MEDILL AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
HABITAT CORP 3563 PALMER ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
HANDSCHY CHEMICAL CO 2525 ELSTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
HARLEM IRVING COMPANIES 2606 N ELSTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
HENRI FAYETTE INC 1934 N WASHTENAW CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
HOLMES BEN AUTO REBUILDERS 3255-61 W FULLERTON	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO

CHICAGO, IL 60647						
HOME DEPOT 1961, THE 2570 N ELSTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
HONEY 1 BBQ 2241 N WESTERN CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
ICEMAKERS, INC. 2601 W. DIVERSEY CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
ILL BELL TEL CO 1802 N CENTRAL PK CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
INTERNATIONAL PIZZA 2513 W ARMITAGE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
J B ELECTRONIC TRANSFORMERS INC 2310 W ARMITAGE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
JAKACKI BAG & BARREL INC 1711 MILWAUKEE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
JAKACKI BAG & BARREL INC 1801 N LEAVITT ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
JAMES MONROE SCHOOL 3651 W SCHUBERT ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
JENSEN PLATING WORKS INC 1842 N WESTERN AVE CHICAGO, IL 606474330	<a href="#">View Facility Information</a>	NO	YES	YES	NO	YES
JENSEN PLATING WORKS INC 2231 W WABANSIA CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
JENSEN PLATING WORKS INCORPORATED 2231 39 WEST WABANSIA CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	YES	YES	NO	NO

JOES EXPERT AUTO SVC 2740 N ELSTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
JOHNSTONE SUPPLY CO 2525 N ELSTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
JP CUSTOM METAL FINISHING 1750 N. CAMPBELL AVE. CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	<b>YES</b>
JUKES & SHAFER INC 2730 N ELSTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
KANE GRAPHICAL 2255 WEST LOGAN BOULEVARD CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
KAUFMAN, LAWRENCE MD. PHD 2448-2450 N WESTERN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
KLEMM AUTOMOTIVE PRODUCTS CO 1718 DAMEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
LARRYS SVC CTR 1834 N DAMEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
LASALLE NATIONAL BANK TRUST 2828 W NORTH AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
LATHROP HOMES 2000 W DIVERSEY AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
LAYSTROM MANUFACTURING CO 3900 WEST PALMER STREET CHICAGO, IL 606472216	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	<b>YES</b>
LEWELLEN AND BEST DISPLAY INC 1616 N MILWAUKEE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
LEWIS SPRING AND						

MANUFACTURING CO 2652 WEST NORTH AVE. CHICAGO, IL 606475249	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
LOGAN STAR CLEANERS 2037 MILWAUKEE AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
LUDWIG INDUSTRIES INC 1728 N DAMEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
M & W LABORATORIES INC 1824-28 N MILWAUKEE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
MAJESTIC CLEANERS & DYERS INC 3920 W ARMITAGE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
MANJARRES PUJALS & ASSOCIATES 2608 W PETERSON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
MAURITZON INC 3939 W BELDEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
MCAULIFFE ELEMENTARY 1841 N SPRINGFIELD AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
MELAR LITHO INC 2544 W. DIVERSEY CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
MERTES CONTRACTING 1741 N CALIFORNIA AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
METRA RR BRIDGE W-2 W-2 BRIDGE OVER FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
MILLER S PLATING WORKS INC 2160 N CALIFORNIA AVE	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES

CHICAGO, IL 60647						
MITI MITE INC 2601 W DIVERSEY AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
MOBIL OIL CORP FJY 2801 W DIVERSEY AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
MOZART SCHOOL- CHGO BD OF ED 2200 N HAMLIN CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	<b>YES</b>
MSI STEEL 3912 W MCLEAN CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
NAKEN CO 2037 N CAMPBELL CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
NATION PIZZA PRODUCTS LP 2491 N MILWAUKEE AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	NO	NO	<b>YES</b>
NATIONAL WRECKING 2441 LEAVITT ST CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
NEGA, JOSEPH 2156 W WEBSTER CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
NEWBERG CONSTRUCTION 2480 N ELSTON CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
NIERMAN H F PRINTING 3321 W FULLERTON CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
NORTH BELL AUTO BODY 2235 W NORTH AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	<b>YES</b>	NO	NO
ORBE INC 3552 W ARMITAGE AVE CHICAGO, IL 60647	<u>View Facility Information</u>	NO	NO	NO	NO	<b>YES</b>
ORLANDI STATUARY 1801 N. CENTRAL PARK CHICAGO, IL 60647	<u>View Facility Information</u>	NO	<b>YES</b>	NO	NO	<b>YES</b>
OUR LADY OF GRACE 2446 N RIDGEWAY	<u>View Facility</u>	NO	NO	<b>YES</b>	NO	NO

AVE CHICAGO, IL 60647	Information					
PAUL RIES & SONS 3940 W ARMITAGE AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
PEP BOYS INC 2604 N ELSTON CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
PHILIP A HUNT CHEMICAL CORP 2108 W FULLERTON AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
PHOENIX CHEMICAL LABORATORY INC 3953 W SHAKESPEARE AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
POWER PARTS CO 1860 N WILMONT AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
PRECISION SCIENTIFIC-DIV OF JOUAN INC 3737 W. CORTLAND ST. CHICAGO, IL 60647	View Facility Information	NO	YES	YES	NO	YES
QUEST DEVELOPMENT 2510 N LINDEN PL CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
R MADERITE INC 1616 N WASHTENAW CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
RAFFEL MANUFACTURING CO 2100 W NORTH AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
RELIABLE SCRAP IRON & METAL 2355 N MILWAUKEE AVE CHICAGO, IL 60647	View Facility Information	NO	NO	YES	NO	NO
RENSEL, CHICAGO INC 2300 W LOGAN BLVD CHICAGO, IL 606472023	View Facility Information	NO	NO	YES	NO	NO
REPUBLIC FASTENER CORP 4055 W PARKER	View Facility Information	NO	NO	YES	NO	NO

CHICAGO, IL 60647						
RICHARD YATES ELEM SCH 1839 N RICHMOND ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
RIVER POINT COLLISION CTR 3030 W FULLERTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
RJ RANDEL TOOL CO 3932 W DIVERSEY AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
ROCK RECYCLING INC KENNEDY EXPRESSWAY CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
ROESER BAKERY 3216 WEST NORTH AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
ROTO PROCESSING DIV OF AAM-RO CORP 2340 W WABANSIA AVE CHICAGO, IL 60647-5302	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
SBC Q11410 2940 WEST CORTLAND STREET CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
SCHWINN BICYCLE CO - PLANT #3 3701 WEST CORTLAND CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
SHAKESPEARE MACHINE STAMPING M 2137 N CALIFORNIA AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SHELL SERVICE STA 3959 W FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SHELL SERVICE STATION 2801 W FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SHELL WIC 212 1544 7901						

2000 N CALIFORNIA CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SIMONS PARK FIELD HOUSE 1640 N DRAKE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SLOAN METAL CO INC 2525 W ARMITAGE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SLUDGE REMOVAL & SEWER SERVICE 2315 W MOFFAT CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SMEETH-HARWOOD CO 2700 NORTH CAMPBELL AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
SORCO INC 2320 N DAMEN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
SPEEDWAY 3554 W NORTH AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SPRINGFIELD PUMPING STATION 1747 N. SPRINGFIELD AVENUE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
STONE SCHOOL 3444 W WABANSIA AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
STUDIO 4 GRAPHICS 1751 N CENTRAL PARK AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
SUNSHINE MOVERS/U-HAUL 2323 N DAMEN CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
T&L BODYSHOP 2478 N LEAVITT CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
TARGET 942 2656 N ELSTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
TEL-STAR PLATING INC 1748 WILMOT ST CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
TOWNSHIP						

CLEANERS 2833-35 W DIVERSEY AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
TREASURE ISLAND FOODS INC 2540 W LAWRENCE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
U S A 1 AUTO SALES 2252 THRU 2256 N CICERO CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
UNIBODY 1891 N MILWAUKEE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
UNITED TRANSMISSION 2740 N KEDZIE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
VALENCIA SERVICE STATION 1655 N CALIFORNIA CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
VANDENBURG FOODS 2333 LOGAN BLVD CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	<b>YES</b>	<b>YES</b>	NO	<b>YES</b>
VIENNA BEEF LTD 2501 N. DAMEN CHICAGO, IL 606472101	<a href="#">View Facility Information</a>	NO	<b>YES</b>	NO	NO	<b>YES</b>
VS NETWORKS INC 3264 W FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
WALGREENS 7687 3320 W FULLERTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
WALGREENS STORE #2877 2440 W NORTH AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
WESTERN BODY SHOP 2426 N WESTERN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	<b>YES</b>	NO	NO
WESTERN PLATING CO 1843 NO MILWAUKEE AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	<b>YES</b>
WHITE OAK GROUP 3331 THRU 35 W	<a href="#">View Facility</a>	NO	NO	<b>YES</b>	NO	NO

FULLERTON CHICAGO, IL 60647	<a href="#">Information</a>					
WICKER PARK LP 2300 W WABANSIA CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	NO	NO	YES
WILTON CLEANERS 2011 N WESTERN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
WILTON CLEANERS 1815 N WESTERN AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	YES
WL KERCHER CO 3918 W FULLERTON CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
WM HUBER CABINET WORKS INC 2400 N CAMPBELL AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO
YMCA LOGAN SQUARE 3600 W FULLERTON AVE CHICAGO, IL 60647	<a href="#">View Facility Information</a>	NO	NO	YES	NO	NO

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**Total Number of Facilities Displayed: 203**



# Enforcement & Compliance History Online (ECHO)

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Search Results  
(All Programs)



125 Facilities Returned

◀ New Search

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 Entries in gray text denote records that are not federally required to be reported to EPA. These data may not be complete.

+ Add/Remove Columns

Facility Information <small>(select buttons next to the name to view additional reports - Legend)</small>	Program ID#	Inspections (5 yrs)	Qtrs in	# Effluent Exceedances (3 yrs)	Alleged	Informal	Enforcement Actions/NOVs (5 yrs)
			Non Compliance (3 yrs)		Current Significant Violations	Enforcement	
AAM-RO CORP 2340 W. WABANSIA AVE. CHICAGO, IL 60647 FRS ID: 110000435690 <input type="checkbox"/> <input type="checkbox"/>	RCR: ILD984803791						no
ABCO SCREENPRINT CO INC 2375 MILWAUKEE AVE CHICAGO, IL 60647 FRS ID: 110005815467 <input type="checkbox"/> <input type="checkbox"/>	TRI: 60647MCRP23124						no
AIRGUIDE INSTRUMENT CO 2210 W WABANSIA AVE CHICAGO, IL 60647 FRS ID: 110001824223 <input type="checkbox"/> <input type="checkbox"/>	AFS: 1703101988	⊕	n/a				n/a
AMERICAN THIESSEN LLC 2357 N. MILWAUKEE CHICAGO, IL 60647 FRS ID: 110001341502 <input type="checkbox"/> <input type="checkbox"/>	RCR: ILR000029488						no
AMOCO CORP FULLERTON REPRO 2100 W FULLERTON AVE CHICAGO, IL 60647 FRS ID: 110009381533 <input type="checkbox"/> <input type="checkbox"/>	AFS: 1703103411	⊕	n/a				n/a
AMOCO OIL CO 2357 W FULLERTON CHICAGO, IL 60647 FRS ID: 110005897609 <input type="checkbox"/> <input type="checkbox"/>	RCR: ILD984914671						no
AMOCO 15599 1950 N CALIFORNIA CHICAGO, IL 60647 FRS ID: 110018083483 <input type="checkbox"/> <input type="checkbox"/>	RCR: ILD984886671						no
AMOCO 18900							

2800 FULLERTON CHICAGO, IL 60647 FRS ID: 110018135141	RCR: IL0000014191					no
AMOCO 5031 2401 W DIVERSEY CHICAGO, IL 60647 FRS ID: 110018064501	RCR: ILD984922864					no
APOLO RADIATORS SERV 3210 W ARMITAGE CHICAGO, IL 60647 FRS ID: 110005939985	RCR: ILR000015198					no
APPETIZERS AND INC 2555 N ELSTON AVE CHICAGO, IL 60647 FRS ID: 110018202577	AFS: 1703105660	2		n/a		n/a
ARBY GRAPHIC SERVICE 2842 W FULLERTON CHICAGO, IL 60647 FRS ID: 110005925311	RCR: ILD984918086					no
ARMITAGE CLEANERS 3301 W ARMITAGE CHICAGO, IL 60647 FRS ID: 110005846460	RCR: ILD114010705					no
ARMITAGE NO 1 CLEANERS 3052 W ARMITAGE CHICAGO, IL 60647 FRS ID: 110005896290	RCR: ILD984834259					no
AUTO CLUTCH AND PARTS 3125 WEST FULLERTON AVENUE CHICAGO, IL 60647 FRS ID: 110001813379	AFS: 1703102225					no
BERNHARD MOOS SCHOOL 1711 N CALIFORNIA CHICAGO, IL 60647 FRS ID: 110005948127	RCR: ILR000027383					no
BERTEAU-LOWELL PLATING PLATING INC 2318 W FULLERTON AVE CHICAGO, IL 60647 FRS ID: 110002393302	AFS: 1703101936					no
BERTEAU-LOWELL PLATING WORKS INC. 2320 W. FULLERTON AVE. CHICAGO, IL 60647 FRS ID: 110000435663	ICP: ILP000288	1		n/a	no limit data	n/a
BERTEAU-LOWELL PLATING WORKS INC. 2320 W. FULLERTON AVE. CHICAGO, IL 60647 FRS ID: 110000435663	RCR: ILD005129192	1				no
BRENTANO MATH & SCIENCE ACAD 2723 N FAIRFIELD CHICAGO, IL 60647	TRI: 60647BRTLW2320W					no
	RCR: ILR000032201					no

FRS ID: 110005951407 



BRIGHT METAL FINISHING

CO

3905 W. ARMITAGE AVE.

CHICAGO, IL 60647

FRS ID: 110000435654 



CARLOS AUTO SPECIALIST

3929 W FULLERTON

CHICAGO, IL 60647

FRS ID: 110005805637 



CASIMIR PULASKI COMM

ACAD

2230 W MCCLEAN

CHICAGO, IL 60647

FRS ID: 110018189672 



CDE APPLIANCES

3636 WEST NORTH AVENUE

CHICAGO, IL 60647

FRS ID: 110001364489 



CENTRAL AUTOBODY

3548 W NORTH AVE

CHICAGO, IL 60647

FRS ID: 110005938575 



CENTRAL ELSTON AUTO

1201 E TOUHY

CHICAGO, IL 60647

FRS ID: 110005901239 



CHEE CLEANERS

2120 N WESTERN

CHICAGO, IL 60647

FRS ID: 110005800311 



CHICAGO WIRE DESIGN

1750 N KIMBALL ST

CHICAGO, IL 60647

FRS ID: 110005908713 



CHICAGO, CITY OF

3417 W FULLERTON

CHICAGO, IL 60647

FRS ID: 110003059127 



CHICAGO, CITY OF

ABANDONMENT

2419 W HOMER

CHICAGO, IL 60647

FRS ID: 110013297002 



CHICAGO, CITY OF

ABANDONMENT

1745 N WHIPPLE

CHICAGO, IL 60647

FRS ID: 110013386969 



AFS:

1703105650

RCR:

ILR000036632

TRI:

60647BRGHT3905W

RCR:

IL0000888735

RCR:

ILR000056366

AFS:

17031U0042

RCR:

ILR000013037

RCR:

ILD984844787

RCR:

IL0000242495

RCR:

ILD984862698

RCR:

ILR000079954

RCR:

ILR000116012

RCR:

ILR000116483



n/a

n/a

no

no

no

no



n/a

n/a

no

no

no

no

no

no

no

CHICAGO, CITY OF ABANDONMENT 3058 W PALMER CHICAGO, IL 60647 FRS ID: 110015326477 <input checked="" type="checkbox"/>	RCR: ILR000122242				no
<input type="checkbox"/>					
CHICAGO, CITY OF ABANDONMENT 2049 N BINGHAM CHICAGO, IL 60647 FRS ID: 110022813730 <input checked="" type="checkbox"/>	RCR: ILR000137281				no
<input type="checkbox"/>					
CHICAGO, CITY OF SPFLD PUMPSTA 1714 N SPRINGFIELD AVE CHICAGO, IL 60647 FRS ID: 110031346728 <input checked="" type="checkbox"/>	RCR: ILR000143610				no
<input type="checkbox"/>					
CHURCHILL-HOYNE LLC 1825 N LEAVITT ST CHICAGO, IL 60647 FRS ID: 110003059001 <input checked="" type="checkbox"/>	RCR: ILR000079764				no
<input type="checkbox"/>					
CITY OF CHICAGO 2119 N RICHMOND CHICAGO, IL 60647 FRS ID: 110003060874 <input checked="" type="checkbox"/>	RCR: ILR000101519				no
<input type="checkbox"/>					
CITY OF CHICAGO (ABANDONMENT) 1800 N SPAULDING CHICAGO, IL 60647 FRS ID: 110012269918 <input checked="" type="checkbox"/>	RCR: ILR000107615				no
<input type="checkbox"/>					
COMBINED PRINTING SPECIALTIES 2417 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110005883856 <input checked="" type="checkbox"/>	RCR: ILD984811380				no
<input type="checkbox"/>					
CULINARY FOODS INC 2620 N JONES CHICAGO, IL 60647 FRS ID: 110005932125 <input checked="" type="checkbox"/>	RCR: ILR000003475				no
<input type="checkbox"/>					
DAHLSTROM DISPLAY INC 2240 WEST DIVERSEY AVENUE CHICAGO, IL 60647 FRS ID: 110006819032 <input checked="" type="checkbox"/>	AFS: 1703104398				no
<input type="checkbox"/>					
DARWIN ELEM SCHOOL 3116 W BELDEN AV CHICAGO, IL 60647 FRS ID: 110036579510 <input checked="" type="checkbox"/>	RCR: ILD094294857				no
<input type="checkbox"/>					
DARWIN ELEM SCHOOL 3116 W BELDEN AV CHICAGO, IL 60647 FRS ID: 110036579510 <input checked="" type="checkbox"/>	AFS: 1703102088	☺	n/a		n/a
<input type="checkbox"/>					
DECAROY DIECASTING 3935 W SHAKESPEARE CHICAGO, IL 60647 FRS ID: 110005798495 <input checked="" type="checkbox"/>	RCR: ILR000026484				no
<input type="checkbox"/>					
DECAROY DIECASTING 3935 W SHAKESPEARE CHICAGO, IL 60647 FRS ID: 110005798495 <input checked="" type="checkbox"/>	RCR: IL0000142539				no
<input type="checkbox"/>					

<u>DIVERSEY CLEANERS</u> 3209-11 W DIVERSEY AVE CHICAGO, IL 60647 FRS ID: 110005958286  	RCR: ILR000042614				no
<u>ELSTON &amp; LOGAN COMM DEV</u> NEC ELSTON & LOGAN BLVD CHICAGO, IL 60647 FRS ID: 110032941379  	ICP:  ILR10J195		n/a	no limit data	n/a
<u>EMERSON ELCTRIC CO</u> 1750 N SPRINGFIELD AVE CHICAGO, IL 60647 FRS ID: 110010289375  	AFS:  1703103133 RCR: ILD096778642 TRI: 60647SLCTR1750N		n/a		n/a no no
<u>EX CELL METAL PRODUCTS INC</u> 2041 W CHURCHILL ST CHICAGO, IL 60647 FRS ID: 110005816251  	RCR: ILD005207196				no
<u>FCI INC</u> 1750 N LAWRENCE AVE CHICAGO, IL 60647 FRS ID: 110005882651  	AFS: 1703103345 AFS: 1703104285 RCR: ILD984809467	5 	n/a n/a		n/a n/a no
<u>FIELD TOOL</u> 2358 N SEELEY CHICAGO, IL 60647 FRS ID: 110005945745  	RCR: ILR000023739				no
<u>FINISHING ARTS</u> 2035 W WABANSIA CHICAGO, IL 60647 FRS ID: 110005885774  	RCR: ILD984817346				no
<u>FINZER ROLLER CO</u> 3920 W ARMITAGE CHICAGO, IL 60647 FRS ID: 110009365267  	RCR: IL0001029909				no
<u>FORMER ARCO FACILITY #X0171</u> 2317 W ARMITAGE CHICAGO, IL 60647 FRS ID: 110005942356  	RCR: ILR000018598				no
<u>FOX TOOL</u> 1665 N MILWAUKEE CHICAGO, IL 60647 FRS ID: 110005906751  	RCR: ILD984852533				no
<u>FREDERICK FUNSTON</u> 2010 N CENTRAL PARK AVE CHICAGO, IL 60647 FRS ID: 110005804763  	RCR: IL0000744722				no
<u>FULLERTON AUTO SALES</u>					

3000 W FULLERTON CHICAGO, IL 60647 FRS ID: 110005942524 	RCR: ILR000018879				no
 FULLERTON CLEANERS 3205 W FULLERTON AVE CHICAGO, IL 60647 FRS ID: 110018167829 	RCR: ILD984809632				no
 GALLANT GREETINGS CORP 2654 W MEDILL CHICAGO, IL 60647 FRS ID: 110005931331 	RCR: ILR000002246				no
 GENERAL CINEMA INC 2600 2650 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110003049344 	RCR: ILR000061978				no
 GOETHE ELEM SCHOOL 2236 N ROCKWELL ST CHICAGO, IL 60647 FRS ID: 110036600737 	RCR: ILR000033787				no
 GUANTOS AUTO BODY CTR 1614 N DRAKE CHICAGO, IL 60647 FRS ID: 110022525454 	RCR: ILR000136481				no
 H & H GRAPHICS 2914 W MEDILL AVENUE CHICAGO, IL 60647 FRS ID: 110003060758 	RCR: ILR000101352				no
 HABITAT CORP 3563 PALMER ST CHICAGO, IL 60647 FRS ID: 110018371652 	RCR: ILD984847822				no
 HARLEM IRVING COMPANIES 2606 N ELSTON AVE CHICAGO, IL 60647 FRS ID: 110005846549 	RCR: ILD114172646				no
 HOLMES BEN AUTO REBUILDERS 3255-61 W FULLERTON CHICAGO, IL 60647 FRS ID: 110005841571 	RCR: ILD086902483				no
 HOME DEPOT 1961, THE 2570 N ELSTON AVE CHICAGO, IL 60647 FRS ID: 110016732801 	RCR: ILR000125443				no
 HONEY 1 BBQ 2241 N WESTERN CHICAGO, IL 60647 FRS ID: 110024920950 	AFS: 1703105685		n/a		n/a

<u>ICEMAKERS, INC.</u> 2601 W. DIVERSEY CHICAGO, IL 60647 FRS ID: 110001935256 	AFS: 17031U0059		n/a		n/a
 <u>ILL BELL TEL CO</u> 1802 N CENTRAL PK CHICAGO, IL 60647 FRS ID: 110005911923 	RCR: ILD984887562				no
 <u>INTERNATIONAL PIZZA</u> 2513 W ARMITAGE CHICAGO, IL 60647 FRS ID: 110005798681 	RCR: IL0000142828				no
 <u>JAMES MONROE SCHOOL</u> 3651 W SCHUBERT ST CHICAGO, IL 60647 FRS ID: 110001292976 	AFS: 1703101954		n/a		n/a
 <u>JENSEN PLATING WORKS</u> INC 1842 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110001820655 	RCR: ILR000027391				no
 <u>JENSEN PLATING WORKS</u> INC 1842 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110001820655 	AFS: 1703101667 ICP:  ILP000284 RCR: ILD005058128 TRI: 60647JNSNP1842N		n/a	1	n/a no limit data
 <u>JOES EXPERT AUTO SVC</u> 2740 N ELSTON CHICAGO, IL 60647 FRS ID: 110005918819 	RCR: ILD984907956				no
 <u>JP CUSTOM METAL</u> FINISHING 1750 N. CAMPBELL AVE. CHICAGO, IL 60647 FRS ID: 110001229876 	AFS: 1703105001 RCR: ILR000131078				no
 <u>KANE GRAPHICAL</u> 2255 WEST LOGAN BOULEVARD CHICAGO, IL 60647 FRS ID: 110005919514 	RCR: ILD984909044				no
 <u>KAUFMAN, LAWRENCE MD</u> PHD 2448-2450 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110013298537 	RCR: ILR000115097				no
 <u>LARRYS SVC CTR</u> 1834 N DAMEN AVE CHICAGO, IL 60647 FRS ID: 110005934105 	RCR: ILR000006551				no
 <u>LASALLE NATIONAL BANK</u> TRUST 2828 W NORTH AVE CHICAGO, IL 60647	RCR: ILD984847475				no

FRS ID: 110005903157 					
 LATHROP HOMES 2000 W DIVERSEY AVE CHICAGO, IL 60647	RCR: ILR000102004				no
FRS ID: 110003061187 					
 LAYSTROM MANUFACTURING CO 3900 WEST PALMER STREET CHICAGO, IL 60647	AFS: 1703101607		n/a		n/a
FRS ID: 110001292538 	RCR: ILD984870253				no
 LEWELLEN AND BEST DISPLAY INC 1616 N MILWAUKEE AVE CHICAGO, IL 60647	RCR: ILD005151832				no
FRS ID: 110005815181 					
 LEWIS SPRING AND MANUFACTURING CO 2652 WEST NORTH AVE. CHICAGO, IL 60647	AFS: 1703102320		n/a		n/a
FRS ID: 110001286750 	RCR: ILD005129291				no
 MANJARRES PUJALS & ASSOCIATES 2608 W PETERSON AVE CHICAGO, IL 60647	RCR: ILR000008052				no
FRS ID: 110005935131 					
 MAURITZON INC 3939 W BELDEN AVE CHICAGO, IL 60647	AFS: 1703105909		n/a		n/a
FRS ID: 110037159516 					
 MCAULIFFE ELEMENTARY 1841 N SPRINGFIELD AVE CHICAGO, IL 60647	RCR: ILR000059220				no
FRS ID: 110003047248 					
 METRA RR BRIDGE W-2 W-2 BRIDGE OVER FULLERTON CHICAGO, IL 60647	RCR: ILR000054239				no
FRS ID: 110007558847 					
 MOBIL OIL CORP FJY 2801 W DIVERSEY AVE CHICAGO, IL 60647	RCR: ILD984824193				no
FRS ID: 110005889869 					
 MOZART SCHOOL-CHGO BD OF ED 2200 N HAMLIN CHICAGO, IL 60647	AFS: 1703101751		n/a		n/a
FRS ID: 110001684446 	RCR: ILR000027409				no
					
MSI STEEL 3912 W MCLEAN CHICAGO, IL 60647	RCR: ILD981789944				no

FRS ID: 110005857974 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	NEGA, JOSEPH			
	2156 W WEBSTER	RCR:		
	CHICAGO, IL 60647	ILD984912055		no
FRS ID: 110005921459 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	NIERMAN H F PRINTING			
	3321 W FULLERTON	RCR:		
	CHICAGO, IL 60647	ILD984926147		no
FRS ID: 110005929763 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	ORLANDI STATUARY	AFS:		
	1801 N. CENTRAL PARK	1703103363	Ⓢ	n/a
	CHICAGO, IL 60647			n/a
FRS ID: 110001357068 <input checked="" type="checkbox"/>		TRI:		
<input type="checkbox"/>		60647RLNDS181NC		no
	OUR LADY OF GRACE			
	2446 N RIDGEWAY AVE	RCR:		
	CHICAGO, IL 60647	ILR000136432		no
FRS ID: 110022525374 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	PAUL RIES & SONS			
	3940 W ARMITAGE AVE	RCR:		
	CHICAGO, IL 60647	ILD057857989		no
FRS ID: 110018120512 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	PEP BOYS INC			
	2604 N ELSTON	RCR:		
	CHICAGO, IL 60647	ILD984886820		no
FRS ID: 110005911371 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	PHOENIX CHEMICAL			
	LABORATORY INC			
	3953 W SHAKESPEARE AVE	RCR:		
	CHICAGO, IL 60647	ILD984810432		no
FRS ID: 110005883357 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	POWER PARTS CO			
	1860 N WILMONT AVE	RCR:		
	CHICAGO, IL 60647	IL0000011304		no
FRS ID: 110005794159 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	R MADERITE INC			
	1616 N WASHTENAW	RCR:		
	CHICAGO, IL 60647	IL0000121087		no
FRS ID: 110005797637 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	RENSEL, CHICAGO INC			
	2300 W LOGAN BLVD	RCR:		
	CHICAGO, IL 60647	ILD984829705		no
FRS ID: 110005893630 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	REPUBLIC FASTENER CORP			
	4055 W PARKER	RCR:		
	CHICAGO, IL 60647	ILD990729386		no
FRS ID: 110005929790 <input checked="" type="checkbox"/>				
<input type="checkbox"/>	RICHARD YATES ELEM SCH	RCR:		
	1839 N RICHMOND ST	ILR000061440		no
	CHICAGO, IL 60647			

FRS ID: 110003048933 



RIVER POINT COLLISION

CTR

3030 W FULLERTON AVE  
CHICAGO, IL 60647

RCR:  
ILR000067819

no

FRS ID: 110009386878 



SALMON P CHASE SCHOOL-

CHGO BD ED

2021 N POINT ST

CHICAGO, IL 60601

AFS:  
1703101962



n/a

n/a

FRS ID: 110001292681 



SBC Q11410

2940 WEST CORTLAND  
STREET

CHICAGO, IL 60647

RCR:  
ILR000032326

no

FRS ID: 110013680132 



SHAKESPEARE MACHINE  
STAMPING M

2137 N CALIFORNIA AVE  
CHICAGO, IL 60647

RCR:  
ILD980684435

no

FRS ID: 110005827123 



SHELL SERVICE STATION

2801 W FULLERTON

CHICAGO, IL 60647

RCR:  
ILD984830596

no

FRS ID: 110005894292 



SHELL WIC 212 1544 7901

2000 N CALIFORNIA

CHICAGO, IL 60647

RCR:  
IL0000060210

no

FRS ID: 110005796013 



SIMONS PARK FIELD  
HOUSE

1640 N DRAKE  
CHICAGO, IL 60647

RCR:  
ILR000023002

no

FRS ID: 110005945200 



SPEEDWAY  
3554 W NORTH AVE  
CHICAGO, IL 60647

RCR:  
ILR000034991

no

FRS ID: 110018242739 



SPRINGFIELD PUMPING  
STATION

1747 N. SPRINGFIELD  
AVENUE

CHICAGO, IL 60647

AFS:  
1703101292

no

FRS ID: 110001804487 



STONE SCHOOL  
3444 W WABANSIA AVE  
CHICAGO, IL 60647

AFS:  
1703101779



n/a

n/a

FRS ID: 110009386413 



STUDIO 4 GRAPHICS  
1751 N CENTRAL PARK AVE RCR:

RCR:  
ILR000061283

no

CHICAGO, IL 60647	ILD984801969				
FRS ID: 110005879193					no
<u>SUNSHINE MOVERS/U-</u>					
<u>HAUL</u>					
2323 N DAMEN	RCR:				
CHICAGO, IL 60647	ILR000132126				no
FRS ID: 110019911256					
<u>T&amp;L BODYSHOP</u>					
2478 N LEAVITT	RCR:				
CHICAGO, IL 60647	ILR000013722				no
FRS ID: 110005938995					
<u>TARGET 942</u>					
2656 N ELSTON	RCR:				
CHICAGO, IL 60647	ILR000140269				no
FRS ID: 110018301513					
<u>TOWNSHIP CLEANERS</u>					
2833-35 W DIVERSEY AVE	AFS:				
CHICAGO, IL 60647	1703105555		n/a		n/a
FRS ID: 110018386469					
<u>U S A 1 AUTO SALES</u>					
2252 THRU 2256 N CICERO	RCR:				
CHICAGO, IL 60647	ILR000007658				no
FRS ID: 110005934837					
<u>UNIBODY</u>					
1891 N MILWAUKEE	RCR:				
CHICAGO, IL 60647	ILD984850321				no
FRS ID: 110005905146					
<u>VALENCIA SERVICE</u>					
<u>STATION</u>					
1655 N CALIFORNIA	RCR:				
CHICAGO, IL 60647	ILD984816785				no
FRS ID: 110005885435					
<u>WALGREENS STORE #2877</u>					
2440 W NORTH AVE	RCR:				
CHICAGO, IL 60647	ILR000043166				no
FRS ID: 110005958650					
<u>WALGREENS 7687</u>					
3320 W FULLERTON AVE	RCR:				
CHICAGO, IL 60647	ILR000132332				no
FRS ID: 110020488300					
<u>WESTERN BODY SHOP</u>					
2426 N WESTERN AVE	RCR:				
CHICAGO, IL 60647	ILR000128546				no
FRS ID: 110017872970					
<u>WHITE OAK GROUP</u>					
3331 THRU 35 W	RCR:				
FULLERTON	ILR000012708				no
CHICAGO, IL 60647					
FRS ID: 110005938352					
<u>WILTON CLEANERS</u>	AFS:		n/a		n/a

2011 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110003046757	1703105263 RCR: ILR000058453			no
 WILTON CLEANERS 1815 N WESTERN AVE CHICAGO, IL 60647 FRS ID: 110013297672	AFS: 1703105492 RCR: ILR000115568		n/a	n/a
 WL KERCHER CO 3918 W FULLERTON CHICAGO, IL 60647 FRS ID: 110018336246	RCR: ILR000056218			no
 WM HUBER CABINET WORKS INC 2400 N CAMPBELL AVE CHICAGO, IL 60647 FRS ID: 110005902103	RCR: ILD984846055			no
 1800 NORTH HUMBOLDT BUILDING 1800 N HUMBOLDT CHICAGO, IL 60647 FRS ID: 110018450433	RCR: ILR000026245			no



Report Generated on 2/26/2010

**Search Criteria**

Facility Characteristics

Active/Operating: Y

Geographic Location

Zip Code: 60647

Restrict by Media

Restrictions By Media: ANY

[return to top](#)

**Notes:**

- Chemical releases reported by TRI are not associated with non-compliance for that facility.
  - The Demographics data (Percent Minority and Population Density) are displayed on the first row in each facilities data table.
- This data is not specific to that permit but to the whole facility.

**Definitions:**

- AFS-** Air Facility System for Clean Air Act programs.
- FRS-** Facility Registry System.
- PCS-** Permit Compliance System for Clean Water Act programs monitoring National Pollutant Discharge Elimination System (NPDES) permits.
- RCRA-** Resource Conservation and Recovery Act waste handler database (RCRAInfo).
- TRI-** Toxics Release Inventory for Emergency Planning and Community Right-to-Know Act, Section 313 submissions.
- ICIS-** Integrated Compliance Information System

[Print Detail Page](#) [Export to Excel](#) [Last Search Page](#)

Facility Details		Owner Details	
Facility Number:	2041031	Owner Name:	Chicago Wire Design
Facility Name:	Chicago Wire Design	Owner Address:	1750 N Kimball Chicago, IL 60647
Address:	1750 N Kimball Chicago, IL 60647	Owner Phone Number:	773-342-4220
Status:	Exempt	Owner Status:	Current Owner
Facility Type:	None	Purchase Date:	
Owner Type:	None	Financial Responsibility Received Date:	
Green Tag Decal:			
Green Tag Issue Date:			
Green Tag Expiration Date:			
Self-Service Permit Inspection Date:			
Self-Service Permit Expiration Date:			

**Permits (Unexpired)**  
No Active Permits Found

**Deficiencies (Current)**  
No Deficiencies Found

**LUST Fund Eligibility and Deductibility**  
No Applications Found

**Tank Information**

Tank Number	Capacity	Product	Status	Fee Due
1	6000	Heating Oil	Exempt from registration	

<b>Capacity:</b>	6000
<b>Product:</b>	Heating Oil
<b>Status:</b>	Exempt from registration
<b>OSFM First Notify Date:</b>	6/20/2002
<b>Current Age:</b>	
<b>Install Date:</b>	
<b>Last Used Date:</b>	12/31/1973
<b>Product Date:</b>	
<b>Petroleum Use:</b>	Consumptive Use on Premises
<b>CERCLA Substance:</b>	
<b>CAS Code:</b>	
<b>Removed Date:</b>	
<b>Abandoned Material:</b>	Inert Materials
<b>Abandoned Date:</b>	2/14/2002
<b>Red Tag Issue Date:</b>	
<b>Fee Due:</b>	

**Equipment Information**  
No Equipment Listed  
[Previous Page](#)

## Petroleum and Chemical Safety - Underground Storage Tanks

Search Results - 181 matches found [Export to Excel](#)

Facility Nbr	Facility Name	Address	City	Facility Type	S
1751 Central Park Avenue - 2036715	1751 Central Park Avenue	1751 N Central Park Avenue	Chicago	None	E)
1800 N. Western Ave., LLC - 2044013	1800 N. Western Ave., LLC	1800 N. Western Ave.	Chicago	Commercial / Retail	Cl
2040 N Milwaukee Building - 2039544	2040 N Milwaukee Building	2040 N Milwaukee	Chicago	None	E)
2558 N. Jones St. Building - 2038777	2558 N. Jones St. Building	2558 N. Jones Street	Chicago	None	E)
3641-3645 N. Elston, LLC - 2043230	3641-3645 N. Elston, LLC	3641-3645 N. Elston	Chicago	None	E)
Abandon Gas Station - 2038837	Abandon Gas Station	2759 W. Washington	Chicago	None	Cl
Ambulance Ser Corp - 2018068	Ambulance Ser Corp	2160 N Milwaukee	Chicago	None	Cl
Ames Elementary School - 2036579	Ames Elementary School	3839 W Armitage	Chicago	School/College	E)
Amoco - 2020334	Amoco	2800 Fullerton	Chicago	Self-Service Station	Ac
Amoco 15599 - 2023045	Amoco 15599	1950 N. California Ave.	Chicago	Self-Service Station	Ac
Amoco Ss#15500 Fac#10749 - 2023013	Amoco Ss#15500 Fac#10749	2357 W. Fullerton Ave.	Chicago	Self-Service Station	Ac
Andrews John - 2017684	Andrews John	3248 - 52 W Fullerton Ave	Chicago	Golf Course	E)
Apartment Building - 2039025	Apartment Building	428 W Surf	Chicago	None	E)
Apolo Radiators Service - 2034902	Apolo Radiators Service	3210 W Armitage	Chicago	Golf Course	E)
Armitage Auto Electric - 2034874	Armitage Auto Electric	2317 W Armitage Ave	Chicago	Golf Course	E)
Ascher Bros Inc - 2005417	Ascher Bros Inc	1616 N Hoyne Ave	Chicago	None	E)
Assop Displays - 2038724	Assop Displays	1741 N. Western	Chicago	None	E)
Atlantic Richfield Co - 2011499	Atlantic Richfield Co	2800 Fullerton	Chicago	None	E)
Auto Repairing Shop - 2036393	Auto Repairing Shop	3820 W Diversey Ave	Chicago	Other	E)
Ben Holmes, LTD. - 2039957	Ben Holmes, LTD.	3255 West Fullerton	Chicago	None	E)

Berger Realty - 2033759	Berger Realty	2052 W Armitage	Chicago	Other	CI
Big Fin Properties Inc - 2039507	Big Fin Properties Inc	1923 W North Ave	Chicago	None	E)
Brinks Building - 2034756	Brinks Building	711 W Monroe	Chicago	Commercial / Retail	E)
Buck City Lofts - 2040194	Buck City Lofts	1730-1758 N Maplewood	Chicago	None	E)
Bur Of Water Dist-North Dist - 2020695	Bur Of Water Dist-North Dist	3826 W Wabansia	Chicago	None	CI
Carbit Paint Co - 2016426	Carbit Paint Co	2942 W N Ave	Chicago	None	E)
Carl D Campbell & Associates Inc - 2040441	Carl D Campbell & Associates Inc	3812 W Grand Ave	Chicago	None	E)
Carlos Auto Specialists - 2036796	Carlos Auto Specialists	3929 W Fullerton	Chicago	None	E)
Carreon Marathon - 2010986	Carreon Marathon	2346 North Western Avenue	Chicago	Self-Service Station	Ac
Chicago Star Cleaners - 2011799	Chicago Star Cleaners	2037 N Milwaukee	Chicago	None	CI
Chicago Urban Properties Inc - 2035781	Chicago Urban Properties Inc	2333 W St Paul Street	Chicago	Commercial / Retail	E)
Chicago Wire Design - 2041031	Chicago Wire Design	1750 N Kimball	Chicago	None	E)
Chicagoland Laundry & Cleaners - 2015485	Chicagoland Laundry & Cleaners	1701 N. Milwaukee Ave.	Chicago	Other Special Service District	CI
Churchill Park Place LLC - 2038949	Churchill Park Place LLC	1802-1808 N Damen Ave	Chicago	Commercial / Retail	E)
Citgo Gas Station - 2021977	Citgo Gas Station	2338 N Sacramento Blvd	Chicago	Self-Service Station	Ac
Cleats Mfg Inc (Palomar Company) - 2041841	Cleats Mfg Inc (Palomar Company)	2740 W Armitage	Chicago	None	E)
Cna Serv Ctr - 2031975	Cna Serv Ctr	2600 N Elston Ave	Chicago	Commercial / Retail	CI
Commercial / Demolition Site - 2044075	Commercial / Demolition Site	2215-2223 North Milwaukee	Chicago	Vacant	E)
Commercial Building - 2044061	Commercial Building	3600 W. Palmer	Chicago	Commercial / Retail	E)
Commercial Building - 2042283	Commercial Building	1600 S. Halsted Street	Chicago	None	E)
Construction Site - 2043497	Construction Site	1640 N. Maplewood Avenue	Chicago	None	E)
Construction Site - 2043137	Construction Site	2129-2133 N. Western	Chicago	None	E)
Construction Site -					

2044220	Construction Site	2734 N. California Avenue	Chicago	Vacant	E)
Construction Site - 2042955	Construction Site	2608 N. Kimball	Chicago	None	E)
Continental Art - 2036586	Continental Art	1907 N Milwaukee	Chicago	None	E)
Cozy Corner Pancake House - 2041051	Cozy Corner Pancake House	2290-94 N Milwaukee Ave Thrid Party Removal	Chicago	None	E)
Crawford Material Co Inc - 2032003	Crawford Material Co Inc	3949 W Palmer St	Chicago	Commercial / Retail	Cl
D&M Property - 2027212	D&M Property	3906 W Mclean	Chicago	None	Ir
Dedolla Pat - 2036504	Dedolla Pat	3850 W North Ave	Chicago	Other	E)
Demolition Site - 2041802	Demolition Site	2635 W. Medill Ave.	Chicago	None	E)
Dext Co Of Il - 2011346	Dext Co Of Il	2300 W St Paul Ave	Chicago	None	Cl
Diversey & Kedzie Avtomotive - 2000043	Diversey & Kedzie Avtomotive	3201 W Diversey	Chicago	None	Cl
Diversey River Bowl - 2036521	Diversey River Bowl	2211 W Diversey Parkway	Chicago	None	E)
Diversey-Central Park - 2021474	Diversey-Central Park	3559 W. Diversey	Chicago	Self-Service Station	Ac
Durkee Foods - 2014111	Durkee Foods	2333 W Logan Blvd	Chicago	None	Cl
Eagle Electric Manufacturing Co - 2035968	Eagle Electric Manufacturing Co	3637 North Talman	Chicago	Industrial / Manufacturing	E)
El Rincon Community Clinic - 2038869	El Rincon Community Clinic	1874 N Milwaukee Ave.	Chicago	None	Cl
Elston/Webster Assoc LP - 2040408	Elston/Webster Assoc LP	2211 North Elston Ave.	Chicago	Industrial / Manufacturing	Cl
Express Car Wash - 2015734	Express Car Wash	2111 W Fullerton	Chicago	Golf Course	Cl
Finzer Roller Co - 2025446	Finzer Roller Co	3920 W Armitage	Chicago	Industrial / Manufacturing	E)
Flannery Apts Il 2-42F - 2030474	Flannery Apts Il 2-42F	1531 N Clybourn	Chicago	Residence (Non-Farm)	Cl
Former A B Safe Company - 2036648	Former A B Safe Company	2300 W Bloomingdale	Chicago	None	E)
Former Clark Station - 2039216	Former Clark Station	2309 N Damen	Chicago	None	Cl
Former Cooper Lam Factory - 2043120	Former Cooper Lam Factory	2545 W. Diversey Parkway	Chicago	Industrial / Manufacturing	E)
Former Gas Station - 2041183	Former Gas Station	2151 N California Ave	Chicago	None	E)
Former Gas Station/U-Haul Rental - 2043327	Former Gas Station/U-Haul Rental	2759 N. California	Chicago	None	Ir

Former Gasoline Station - 2042271	Former Gasoline Station	3725 West Armitage Avenue	Chicago	None	E)
Former Lexington Oil Company - 2043755	Former Lexington Oil Company	1701 N. Kedzie	Chicago	Self-Service Station	E)
Former Manufacturing Facility - 2035162	Former Manufacturing Facility	2155 W Wabansia	Chicago	None	E)
Former Service Station - 2036949	Former Service Station	2501 N Californai	Chicago	None	E)
Former Store Front/Commercial - 2043769	Former Store Front/Commercial	3337 W. North Avenue	Chicago	None	E)
Former Warehouse - 2043743	Former Warehouse	1900 N. Springfield Avenue	Chicago	None	E)
Formerly Abco Distributors - 2037366	Formerly Abco Distributors	1521 N Milwaukee Avenue	Chicago	Industrial / Manufacturing	CI
French Hand Laundry Co - 2015486	French Hand Laundry Co	1754 N Wilmot	Chicago	None	E)
Gallant Greetings Corp - 2032557	Gallant Greetings Corp	2654 W Medill Ave	Chicago	Commercial / Retail	CI
Garage Shed in Backyard of House - 2042069	Garage Shed in Backyard of House	1801 N Honore	Chicago	None	E)
Gas Station Ok Ser Ctr Ltd - 2011342	Gas Station Ok Ser Ctr Ltd	3400 W Armitage	Chicago	Commercial / Retail	CI
General Cinemas Midtown Marquee - 2038674	General Cinemas Midtown Marquee	2600-2650 N Western Ave	Chicago	Commercial / Retail	E)
General Cinemas Midtown Marquee - 2038846	General Cinemas Midtown Marquee	2600-2650 North Western Avenue	Chicago	None	E)
Ginger's Citgo - 2022949	Ginger's Citgo	2401 W Diversey	Chicago	Self-Service Station	Ac
Grant Industries Inc - 2038963	Grant Industries Inc	1733 N Damen Ave	Chicago	Industrial / Manufacturing	E)
Haas Park Extension - 2043688	Haas Park Extension	2732-2744 W. Fullerton Avenue	Chicago	None	CI
Habitat Co - 2028784	Habitat Co	3563 W Palmer St	Chicago	Other	CI
Hass Fieldhouse - 2044641	Hass Fieldhouse	2404 N. Washtenaw	Chicago	None	E)
Hispanic Housing Dev Corp - 2033216	Hispanic Housing Dev Corp	2451 N Sacramento	Chicago	Other	CI
Hollander Storage & Moving Co. - 2043299	Hollander Storage & Moving Co.	1616 N. Milwaukee Avenue	Chicago	None	E)
Home Savings Of America - 2033128	Home Savings Of America	2636-38 N Talman	Chicago	Residence (Non-Farm)	CI
Humboldt Ridge - 2039990	Humboldt Ridge	1800-1816 N St Louis	Chicago	None	E)

Humbolt CO - 2007790	Humbolt CO	2940 West Cortland	Chicago	Utility	Ar
Il Bell Telephone Co - 2007812	Il Bell Telephone Co	2604 Elston	Chicago	None	Cl
Il Bell Telephone Co - 2008481	Il Bell Telephone Co	1802 N Central Park	Chicago	None	Cl
Imperial Realty Company - 2038820	Imperial Realty Company	2542 N Elston Ave	Chicago	None	Ex
International Pizza - 2032982	International Pizza	2513 W Armitage	Chicago	None	Ex
J R Jespersen Plumbing & Heating - 2011387	J R Jespersen Plumbing & Heating	2150 N. Rockwell	Chicago	Other	Cl
James & Kutlya Architecture - 2034168	James & Kutlya Architecture	1750 N Springfield Ave	Chicago	Industrial / Manufacturing	Cl
Jensen Metal Furniture - 2041040	Jensen Metal Furniture	2255 W Wabansia	Chicago	None	Ex
Jordon Frank - 2029421	Jordon Frank	1815 N Western Ave	Chicago	Golf Course	Cl
Jose & Guadalupe Jimenez - 2035804	Jose & Guadalupe Jimenez	3800 W Fullerton	Chicago	None	Ex
K & A Laundromat - 2044004	K & A Laundromat	3522 W. Diversy Avenue	Chicago	Commercial / Retail	Ex
Keenan Transit Co - 2000266	Keenan Transit Co	3600 W North	Stone Park	None	Cl
Larrys Serv Center Inc - 2018223	Larrys Serv Center Inc	1834 N Damen	Chicago	Golf Course	Cl
Las Asadas Restaurant - 2043814	Las Asadas Restaurant	2072 N. Western Avenue	Chicago	Commercial / Retail	Ex
Lathrop Elderly Apartments - 2030577	Lathrop Elderly Apartments	2717 N Leavitt	Chicago	None	Cl
Laystrom Mfg Co - 2031158	Laystrom Mfg Co	3900 W Palmer St	Chicago	Industrial / Manufacturing	Cl
Logan Kedzie Venture - 2030824	Logan Kedzie Venture	2601-07 N Milwaukee	Chicago	Commercial / Retail	Ir
Magid Glove & Safety Manufacturing Co - 2036415	Magid Glove & Safety Manufacturing Co	1805 N Hamlin/3737 W Cortland	Chicago	Industrial / Manufacturing	Cl
Manjarres Pujals & Associates - 2034309	Manjarres Pujals & Associates	2608 W Peterson Ave	Chicago	Commercial / Retail	Cl
Marla Realty Inc - 2035635	Marla Realty Inc	2665 N Elston Avenue	Chicago	Commercial / Retail	Cl
Matthews Roofing Co - 2017705	Matthews Roofing Co	1547 N Ridgeway	Chicago	None	Cl
Mci Beilfess Park II Rptr Stn - 2023549	Mci Beilfess Park II Rptr Stn	1742 N Hamlin Ave	Chicago	None	Cl
Mertes Contracting	Mertes Contracting			Industrial /	

Corp - 2005454	Corp	1741 N California Ave	Chicago	Manufacturing	Cl
Metra A5 Pacific Jct - 2032019	Metra A5 Pacific Jct	1800 N Hamlin	Chicago	Other	Cl
Mid America Bank - 2043127	Mid America Bank	2291 N. Western	Chicago	None	Ex
Mobil r/s #11218 - 2009152	Mobil r/s #11218	2801 W. Diversey	Chicago	Self-Service Station	Cl
Moore William - 2000706	Moore William	2648 W Armitage Ave	Chicago	Golf Course	Cl
Natco Automotice Transmission Co - 2035939	Natco Automotice Transmission Co	2701 N Elston	Chicago	Commercial / Retail	Ex
Natl Wrecking Co - 2001640	Natl Wrecking Co	2441 N Leavitt St	Chicago	Industrial / Manufacturing	Ac
Nega Joseph - 2031829	Nega Joseph	2156 W Webster	Chicago	Other	Ex
Nora Inc Auto Parts - 2035154	Nora Inc Auto Parts	2022 N California	Chicago	Other	Ex
North & Kedzie Service Inc - 2019954	North & Kedzie Service Inc	3142 W North Ave	Chicago	None	Ac
North Jones Site - 2007676	North Jones Site	2558 N Jones St	Chicago	None	Cl
North Star Trust #C1626 - 2013073	North Star Trust #C1626	2161 Milwaukee Ave.	Chicago	None	Cl
Northwest Tower Bldg - 2033790	Northwest Tower Bldg	1608 N Milwaukee	Chicago	Commercial / Retail	Ex
Oil Express - 2026923	Oil Express	2501 N Western Ave	Chicago	Commercial / Retail	Ac
Old Gas Station - 2043468	Old Gas Station	1956 N. Harding	Chicago	Self-Service Station	Cl
Olvin's Service Station - 2012468	Olvin's Service Station	1654 N. Kedzie	Chicago	Self-Service Station	Cl
Osborne Jim - 2036518	Osborne Jim	2618 N Francisco	Chicago	None	Ex
Palmer Square Apts - 2032200	Palmer Square Apts	2132-2134 N Kedzie	Chicago	Other	Cl
Paul Davis Property - 2043004	Paul Davis Property	3624 W. Wrightwood	Chicago	None	Ex
Piana Development Inc - 2038940	Piana Development Inc	2232-40 W Armitage Ave	Chicago	Residence (Non-Farm)	Ex
Platinum Motors - 2041451	Platinum Motors	1651 North Western Avenue	Chicago	None	Cl
Proposed Osco Store - 2036778	Proposed Osco Store	3948 W Fullerton	Chicago	None	Ex
Quest Development Company - 2039506	Quest Development Company	2510 N Linden	Chicago	None	Ex
Raceina Vincent - 2011206	Raceina Vincent	2323 N Damen	Chicago	None	Cl
Record Controls Inc -				Industrial /	

2030339	Record Controls Inc	2320 W Logan Blvd	Chicago	Manufacturing	CI
Reich Partnership - 2032897	Reich Partnership	2501 N Elston Ave	Chicago	Commercial / Retail	E)
Riverwalk Construction Site - 2025442	Riverwalk Construction Site	2915-2929 N Western Ave	Chicago	Construction	CI
Rj Randel Tool Co - 2034757	Rj Randel Tool Co	3932 W Diversey	Chicago	Industrial / Manufacturing	E)
Ron Ser Station - 2014424	Ron Ser Station	2439 W Fullerton	Chicago	None	CI
Ryder Truck Rental #1152B - 2006897	Ryder Truck Rental #1152B	2606 N. Elston	Chicago	Commercial / Retail	CI
Senior Suites Chicago Rainbow Beach - 2041580	Senior Suites Chicago Rainbow Beach	7729-39 S Exchange	Chicago	None	E)
Shell Ser Station - 2021057	Shell Ser Station	2000 N California	Chicago	Golf Course	CI
Shell Service Station - 2021067	Shell Service Station	<a href="http://maps.google.com/maps?f=q&amp;q=2801+West+Fullerton+%40+California+Chicago,+60647+IL">http://maps.google.com/maps?f=q&amp;q=2801+West+Fullerton+%40+California+Chicago,+60647+IL</a>	Chicago	Self-Service Station	Ac
Shell Service Station - 2021096	Shell Service Station	3959 West Fullerton Pulaski	Chicago	Self-Service Station	Ac
Shell Service Station - 2021032	Shell Service Station	1600 North Western Avenue	Chicago	Self-Service Station	Ac
Snappy Convenience Center #4 - 2031583	Snappy Convenience Center #4	1750 N. Western Avenue	Chicago	Self-Service Station	Ac
Soudan Metals Co., Inc. - 2001183	Soudan Metals Co., Inc.	2577 W Armitage	Chicago	Other	CI
Speedway #8320 - 2017665	Speedway #8320	3554 W N Ave	Chicago	Self-Service Station	Ac
St. Johns Berchmans Parish Church - 2043440	St. Johns Berchmans Parish Church	2517 W. Logan Blvd.	Chicago	None	E)
St. Joseph Home & Convent - 2043475	St. Joseph Home & Convent	2650 N. Ridgeway	Chicago	None	E)
Staley MFG/Vico Products - 2009771	Staley MFG/Vico Products	2536 N Elston Ave	Chicago	None	CI
Stoner & Co Inc - 2011257	Stoner & Co Inc	3223 W Armitage Ave	Chicago	None	CI
The Children'S Place (Group Home - 2029121	The Children'S Place (Group Home	3059 W Augusta Blvd	Chicago	None	E)
Tonys Auto Repair - 2032800	Tonys Auto Repair	3701 W North Ave	Chicago	Golf Course	E)
Vacant - 2044177	Vacant	1656 N. Western Ave.	Chicago	Self-Service / Unattended Self-Service	E)
Vacant - 2034633	Vacant	3331 W Fullerton	Chicago	Other	E)
vacant - 2043034	vacant	1717-35 N. Western Avenue	Chicago	None	E)

<u>Vacant Building - 2035384</u>	Vacant Building	<u>1800 N Humboldt</u>	Chicago	Commercial / Retail	E)
<u>Vacant Building - 2043537</u>	Vacant Building	<u>3951 W. Belden Avenue</u>	Chicago	None	E)
<u>Vacant Building - 2038955</u>	Vacant Building	<u>2021 North Kedzie Ave.</u>	Chicago	None	Cl
<u>Vacant Commercial Bldg - 2035137</u>	Vacant Commercial Bldg	<u>2039-41 W North Ave</u>	Chicago	Commercial / Retail	E)
<u>Vacant Former Station - 2040886</u>	Vacant Former Station	<u>2207 N Western Ave</u>	Chicago	None	E)
<u>Vacant Garage - 2042978</u>	Vacant Garage	<u>2844 W. Armitage Avenue</u>	Chicago	None	E)
<u>Vacant Land - 2043841</u>	Vacant Land	<u>1823-1829 N. California</u>	Chicago	Vacant	E)
<u>Vacant Land - 2038743</u>	Vacant Land	<u>1801-1825 N. Rockwell</u>	Chicago	None	E)
<u>Vacant Lot - 2035161</u>	Vacant Lot	<u>2156 W Webster</u>	Chicago	None	E)
<u>Vacant Lot - 2040362</u>	Vacant Lot	<u>2330 W St Paul St</u>	Chicago	None	E)
<u>Vacant Lot - 2036789</u>	Vacant Lot	<u>1803-1811 N. Milwaukee</u>	Chicago	Vacant	E)
<u>Vacant Lot - 2036734</u>	Vacant Lot	<u>2812-14 W Fullerton Ave</u>	Chicago	None	E)
<u>Vacant Rowhouses - 2040178</u>	Vacant Rowhouses	<u>2127-49 W Churchill</u>	Chicago	None	E)
<u>Vacant Lot - 2040951</u>	Vacant Lot	<u>2029 W Churchill</u>	Chicago	None	E)
<u>Vergo John - 2036659</u>	Vergo John	<u>1820 N Rockwell</u>	Chicago	None	E)
<u>Vienna Beef - 2007381</u>	Vienna Beef	<u>2407 N Elston Ave</u>	Chicago	None	Cl
<u>Vienna Sausage Mfg Co - 2000391</u>	Vienna Sausage Mfg Co	<u>2501 N Damen Ave</u>	Chicago	Industrial / Manufacturing	Cl
<u>Vinyard Christian Fellowship - 2036795</u>	Vinyard Christian Fellowship	<u>2145 N Maplewood Ave</u>	Chicago	None	E)
<u>W L Kercher Co - 2017954</u>	W L Kercher Co	<u>3918 W Fullerton Ave</u>	Chicago	Commercial / Retail	Cl
<u>Warehouse - 2040939</u>	Warehouse	<u>2910 W. Medill</u>	Chicago	None	E)
<u>Western-Palmer - 2021491</u>	Western-Palmer	<u>2150 N Western</u>	Chicago	None	Cl
<u>Wicker Park Apts II 2-42E - 2030473</u>	Wicker Park Apts II 2-42E	<u>1414 North Damen</u>	Chicago	None	Cl
<u>Wilson William P - 2028669</u>	Wilson William P	<u>2501 W Homer</u>	Chicago	None	Cl
<u>YMCA Logan Square Fac - 2030251</u>	YMCA Logan Square Fac	<u>3600 W Fullerton Ave</u>	Chicago	None	Cl

**Search Results - 181 matches found**

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**Search Links**

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- [UST Search](#)
- [Contractor Search](#)
- [Red Tag Tanks](#)
- [Federal Energy Act Reports](#)
- [Disclaimer](#)
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**OSFM Features**

- [OSFM Home](#)
- [DPCS Home](#)

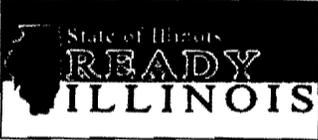
**State Links**

- [News](#)
- [Illinois Facts](#)
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- [Health & Wellness](#)
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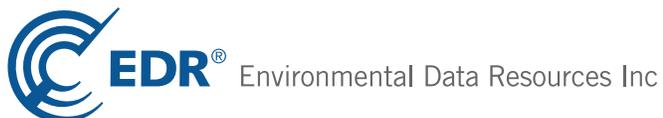
**State Features**

- 
- 

**1807-1815 North Kimball Avenue**  
1807-1815 North Kimball Avenue  
Chicago, IL 60647

Inquiry Number: 2693463.2s  
February 05, 2010

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
 Please contact EDR at 1-800-352-0050  
 with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

1807-1815 NORTH KIMBALL AVENUE  
CHICAGO, IL 60647

#### COORDINATES

Latitude (North): 41.914100 - 41° 54' 50.8"  
Longitude (West): 87.711400 - 87° 42' 41.0"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 441002.6  
UTM Y (Meters): 4640270.0  
Elevation: 605 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41087-H6 CHICAGO LOOP, IL  
Most Recent Revision: 1997

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List

## EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent CERCLIS***

SHWS..... State Oversight List

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to  
State Surcharge  
LF SPECIAL WASTE..... Special Waste Site List  
IL NIPC..... Solid Waste Landfill Inventory

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

# EXECUTIVE SUMMARY

## ***State and tribal Brownfields sites***

BROWNFIELDS..... Municipal Brownfields Redevelopment Grant Program Project Descriptions

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
LF SPECIAL WASTE..... Special Waste Site List  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL..... Clandestine Drug Labs  
CDL..... Meth Drug Lab Site Listing  
US HIST CDL..... National Clandestine Laboratory Register

### ***Local Land Records***

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System

### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... State spills

### ***Other Ascertainable Records***

DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
FINDS..... Facility Index System/Facility Registry System

## EXECUTIVE SUMMARY

RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells
NPDES.....	A Listing of Active Permits
DRYCLEANERS.....	Illinois Licensed Drycleaners
IMPDMNT.....	Surface Impoundment Inventory
AIRS.....	AIRS
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS list***

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 06/30/2009 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRESCENT PLATING	3650 WEST ARMITAGE	WNW 1/4 - 1/2 (0.415 mi.)	K38	38

## EXECUTIVE SUMMARY

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WABANSIA MERCURY SITE	3269 WEST WABANSIA AVEN	SE 1/8 - 1/4 (0.189 mi.)	12	20

### ***Federal RCRA generators list***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/11/2009 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CITY OF CHICAGO (ABANDONMENT)</i></b>	<b><i>1800 N SPAULDING</i></b>	<b><i>ESE 0 - 1/8 (0.069 mi.)</i></b>	<b><i>A2</i></b>	<b><i>8</i></b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CHICAGO WIRE DESIGN</i></b>	<b><i>1750 N KIMBALL ST</i></b>	<b><i>S 0 - 1/8 (0.095 mi.)</i></b>	<b><i>C5</i></b>	<b><i>12</i></b>
<b><i>ARMITAGE CLEANERS</i></b>	<b><i>3301 W ARMITAGE</i></b>	<b><i>NNE 1/8 - 1/4 (0.232 mi.)</i></b>	<b><i>G20</i></b>	<b><i>25</i></b>

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/11/2009 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>STOWE SCHOOL HARRIET BEECHER</i></b>	<b><i>3444 W WABANSIA AVE</i></b>	<b><i>SSW 1/8 - 1/4 (0.164 mi.)</i></b>	<b><i>11</i></b>	<b><i>18</i></b>

## EXECUTIVE SUMMARY

### **State- and tribal - equivalent NPL**

CAT: Illinois Category List.

A review of the CAT list, as provided by EDR, and dated 06/01/1997 has revealed that there are 2 CAT sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>USEM CHICAGO DC PLANT</b> Facility Type: SITE REMEDIATION PROGRAM	<b>1750 N SPRINGFIELD AVE</b>	<b>W 1/2 - 1 (0.652 mi.)</b>	<b>47</b>	<b>44</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PUBLIC BUILDING COMMISSION Facility Type: SITE REMEDIATION PROGRAM	3839 WEST ARMITAGE AVEN	WNW 1/2 - 1 (0.624 mi.)	46	44

### **State and tribal leaking storage tank lists**

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 12/11/2009 has revealed that there are 19 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DHILLON INC.	1754 NORTH CENTRAL AVE.	W 1/4 - 1/2 (0.301 mi.)	I29	31
EXPRESS FOOD & GAS	1754 NORTH CENTRAL AVE.	W 1/4 - 1/2 (0.301 mi.)	I30	32

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>G&amp;A RESIDENCE AT SPAULDING</b> NFA/NFR Letter: 1/4/2007	<b>1750 NORTH SPAULDING AV</b>	<b>SE 0 - 1/8 (0.086 mi.)</b>	<b>B4</b>	<b>10</b>
HUMBOLDT RIDGE LTD. PARTNERSHI NFA/NFR Letter: 12/24/2001	1800-1816 NORTH ST. LOU	W 0 - 1/8 (0.104 mi.)	D8	16
OK SERVICE CTR. NFA/NFR Letter: 3/10/2006	3400 WEST ARMITAGE AVE.	N 1/8 - 1/4 (0.222 mi.)	E15	23
ST. AUGUSTINE COLLEGE	3247 WEST ARMITAGE AVE.	NNE 1/4 - 1/2 (0.263 mi.)	H24	28
PUERTO RICAN DEVELOPMENT ASSOC	1701 NORTH KEDZIE	ESE 1/4 - 1/2 (0.284 mi.)	26	30
STONER CO.	3223 WEST ARMITAGE AVE.	NE 1/4 - 1/2 (0.288 mi.)	27	30
VAS FOREMOST LIQUORS NFA/NFR Letter: 12/16/2008	3301 WEST NORTH AVENUE	SSE 1/4 - 1/2 (0.297 mi.)	28	31
ELIADES, VASSOS	3210 WEST ARMITAGE AVE.	NE 1/4 - 1/2 (0.305 mi.)	31	32
<b>OLVIN SERVICE STATION</b> NFA/NFR Letter: 4/2/2009	<b>1654 NORTH KEDZIE AVENU</b>	<b>SE 1/4 - 1/2 (0.314 mi.)</b>	<b>32</b>	<b>33</b>
AUTOLANDIA	2021 NORTH KEDZIE	NE 1/4 - 1/2 (0.356 mi.)	33	34
MARTIN OIL NFA/NFR Letter: 12/28/1994	3554 WEST NORTH AVE.	SW 1/4 - 1/2 (0.362 mi.)	J34	34
SPEEDWAY SUPERAMERICA	3554 WEST NORTH AVE.	SW 1/4 - 1/2 (0.362 mi.)	J35	35
ILLINOIS DEPT. OF MILITARY AFF NFA/NFR Letter: 6/20/1997	1551 NORTH KEDZIE AVE.	SE 1/4 - 1/2 (0.372 mi.)	36	35

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ACTION WRECKING INC. <b>1800 N HUMBOLDT BLDG</b> NFA/NFR Letter: 4/30/1997	2122-42 NORTH KEDZIE AV <b>1800 N HUMBOLDT</b>	NNE 1/4 - 1/2 (0.458 mi.) <b>E 1/4 - 1/2 (0.469 mi.)</b>	41 <b>L43</b>	40 <b>41</b>
MAGID GLOVE & SAFETY MFG. MILWAUKEE LAND DEVELOPMENT TRU	3737 WEST CORTLAND ST. 3725 WEST ARMITAGE	W 1/4 - 1/2 (0.475 mi.) WNW 1/4 - 1/2 (0.496 mi.)	44 45	43 44

LUST TRUST: In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

A review of the LUST TRUST list, as provided by EDR, and dated 11/03/2009 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OLVIN SERVICE STATION</b>	<b>1654 NORTH KEDZIE AVENU</b>	<b>SE 1/4 - 1/2 (0.314 mi.)</b>	<b>32</b>	<b>33</b>

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 11/03/2009 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
G & A RESIDENCES <b>CHICAGO WIRE DESIGN</b>	1750 N. SPAULDING <b>1750 N KIMBALL ST</b>	SE 0 - 1/8 (0.086 mi.) <b>S 0 - 1/8 (0.095 mi.)</b>	B3 <b>C5</b>	10 <b>12</b>
HUMBOLDT RIDGE GAS STATION OK SER CTR LTD	1800-1816 N ST LOUIS 3400 W ARMITAGE	W 0 - 1/8 (0.104 mi.) N 1/8 - 1/4 (0.222 mi.)	D7 E13	15 21

### **State and tribal institutional control / engineering control registries**

ENG CONTROLS: Sites with Engineering Controls.

A review of the ENG CONTROLS list, as provided by EDR, and dated 10/27/2009 has revealed that there are 3 ENG CONTROLS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>G&amp;A RESIDENCE AT SPAULDING</b> <b>HUMBOLDT RIDGE</b>	<b>1750 NORTH SPAULDING AV</b> <b>1800 NORTH ST. LOUIS AV</b>	<b>SE 0 - 1/8 (0.086 mi.)</b> <b>W 0 - 1/8 (0.104 mi.)</b>	<b>B4</b> <b>D9</b>	<b>10</b> <b>16</b>
CRESCENT PLATING WORKS	3650 WEST ARMITAGE AVEN	WNW 1/4 - 1/2 (0.415 mi.)	K39	39

## EXECUTIVE SUMMARY

INST CONTROL: Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

A review of the INST CONTROL list, as provided by EDR, and dated 10/27/2009 has revealed that there are 3 INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHICAGO WIRE DESIGN</b>	<b>1750 NORTH KIMBALL AVEN</b>	<b>S 0 - 1/8 (0.095 mi.)</b>	<b>C6</b>	<b>14</b>
<b>HUMBOLDT RIDGE</b>	<b>1800 NORTH ST. LOUIS AV</b>	<b>W 0 - 1/8 (0.104 mi.)</b>	<b>D9</b>	<b>16</b>
CRESCENT PLATING WORKS	3650 WEST ARMITAGE AVEN	WNW 1/4 - 1/2 (0.415 mi.)	K40	40

### **State and tribal voluntary cleanup sites**

SRP: Illinois Environmental Protection Agency, Site Remediation Program Database

A review of the SRP list, as provided by EDR, and dated 10/27/2009 has revealed that there are 6 SRP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>G&amp;A RESIDENCE AT SPAULDING</b>	<b>1750 NORTH SPAULDING AV</b>	<b>SE 0 - 1/8 (0.086 mi.)</b>	<b>B4</b>	<b>10</b>
<b>CHICAGO WIRE DESIGN</b>	<b>1750 NORTH KIMBALL AVEN</b>	<b>S 0 - 1/8 (0.095 mi.)</b>	<b>C6</b>	<b>14</b>
<b>HUMBOLDT RIDGE</b>	<b>1800 NORTH ST. LOUIS AV</b>	<b>W 0 - 1/8 (0.104 mi.)</b>	<b>D9</b>	<b>16</b>
ST. AUGUSTINE COLLEGE	3245-3255 WEST ARMITAGE	NNE 1/4 - 1/2 (0.264 mi.)	H25	29
CRESCENT PLATING WORKS, INC.	3650 WEST ARMITAGE AVEN	WNW 1/4 - 1/2 (0.415 mi.)	K37	36
1800 NORTH HUMBOLDT BUILDING	1800 NORTH HUMBOLDT BOUE	1/4 - 1/2 (0.469 mi.)	L42	41

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Other Ascertainable Records**

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 12/11/2009 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COMPCO CORP</b>	<b>1800 N SPAULDING AVE</b>	<b>ESE 0 - 1/8 (0.069 mi.)</b>	<b>A1</b>	<b>7</b>

## EXECUTIVE SUMMARY

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 5 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOS PRIMOS AUTO MECHANIC	1807 N SAWYER AVE	E 1/8 - 1/4 (0.150 mi.)	10	18
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MIDWEST AUTO CENTER INC	3400 W ARMITAGE AVE	N 1/8 - 1/4 (0.222 mi.)	E14	23
FLORES ARCO STA	3334 W ARMITAGE	N 1/8 - 1/4 (0.226 mi.)	F16	24
OKEY DOYLE J	3501 ARMITAGE AV	NNW 1/8 - 1/4 (0.245 mi.)	22	28
GTO AUTO REPAIR	3271 W ARMITAGE AVE	NNE 1/8 - 1/4 (0.247 mi.)	23	28

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 4 EDR Historical Cleaners sites within approximately 0.25 miles of the target property.

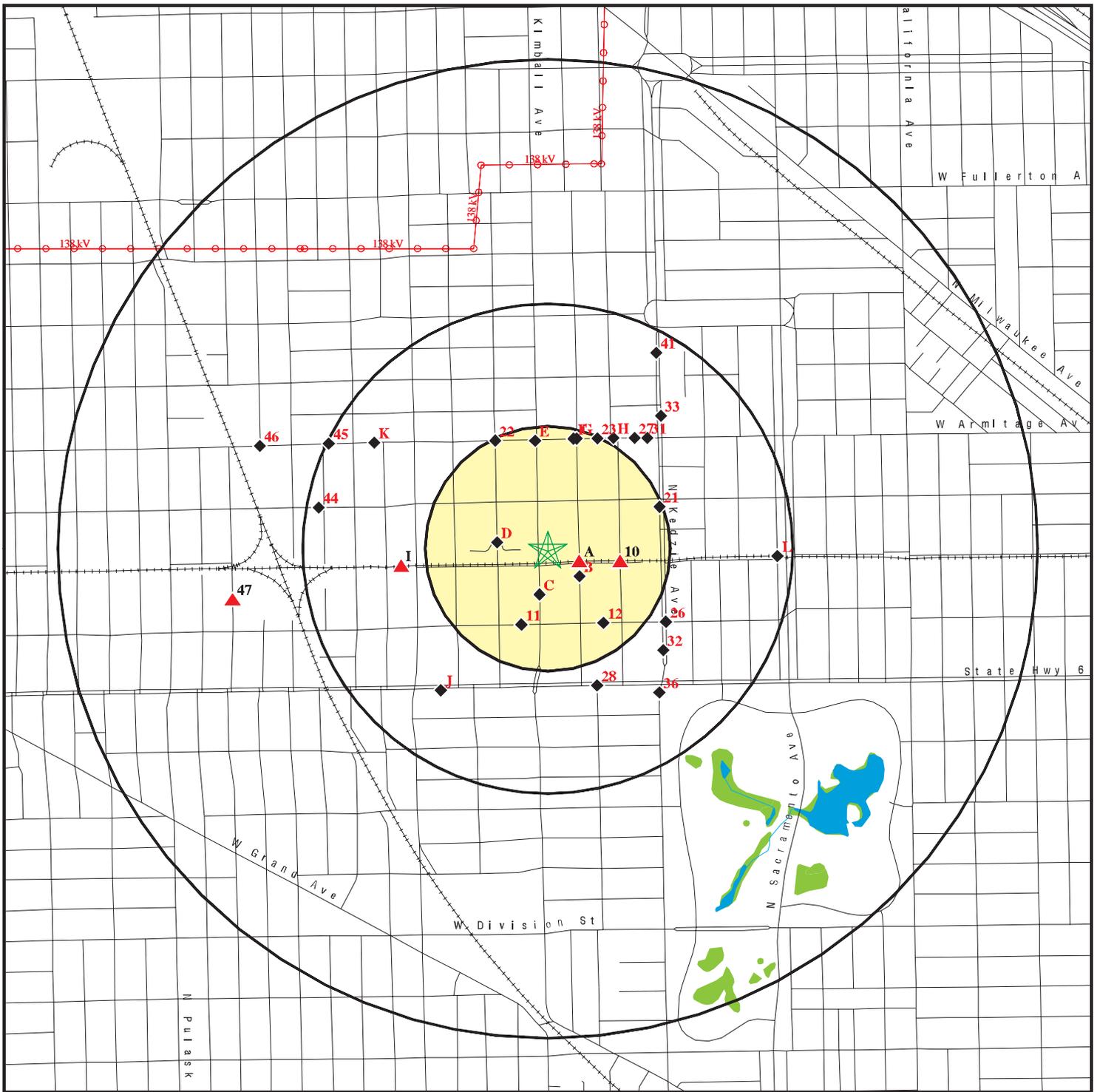
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMBROSE DE BEER	3324 ARMITAGE AV	N 1/8 - 1/4 (0.228 mi.)	F17	24
J & M LAUNDERETTE INC	3309 W ARMITAGE AVE	NNE 1/8 - 1/4 (0.231 mi.)	F18	24
PAKIN JOS	3302 ARMITAGE AV	NNE 1/8 - 1/4 (0.232 mi.)	G19	25
CORTLAND CLNRS DVERS	1858 N KEDZIE	ENE 1/8 - 1/4 (0.244 mi.)	21	28

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
PALMER BLVD	CERC-NFRAP
JENSEN METAL FURNITURE	LUST
BP AMOCO #5275	UST
NORTH TOWN VILLAGE	UST
WAREHOUSE/WIPECO, INC.	UST
MARATHON	UST
NORTH WEST TOWER	RCRA-CESQG
METRA CICERO & GRAND PLATFORM	RCRA-CESQG
INTERSTATE 90/94 AT KIMBALL AV	HMIRS
4024 ASHLAND AVENUE	ERNS
4024 ASHLAND AVENUE	ERNS
2921 NORTH EAMON	ERNS
FAYER AVENUE AND	ERNS
GRAND AVENUE	ERNS
ILLINOIS AVE AND MCCLURG AVENUE	ERNS
4400 NORTH LAKE SHORE DR.	ERNS
NORTH OF 45TH AVE.	ERNS
WESTERN AVENUE	ERNS
1520 W NORTH	FINDS
4711 W NORTH	FINDS
U-PULL-IT NORTH LLC	FINDS

# OVERVIEW MAP - 2693463.2s



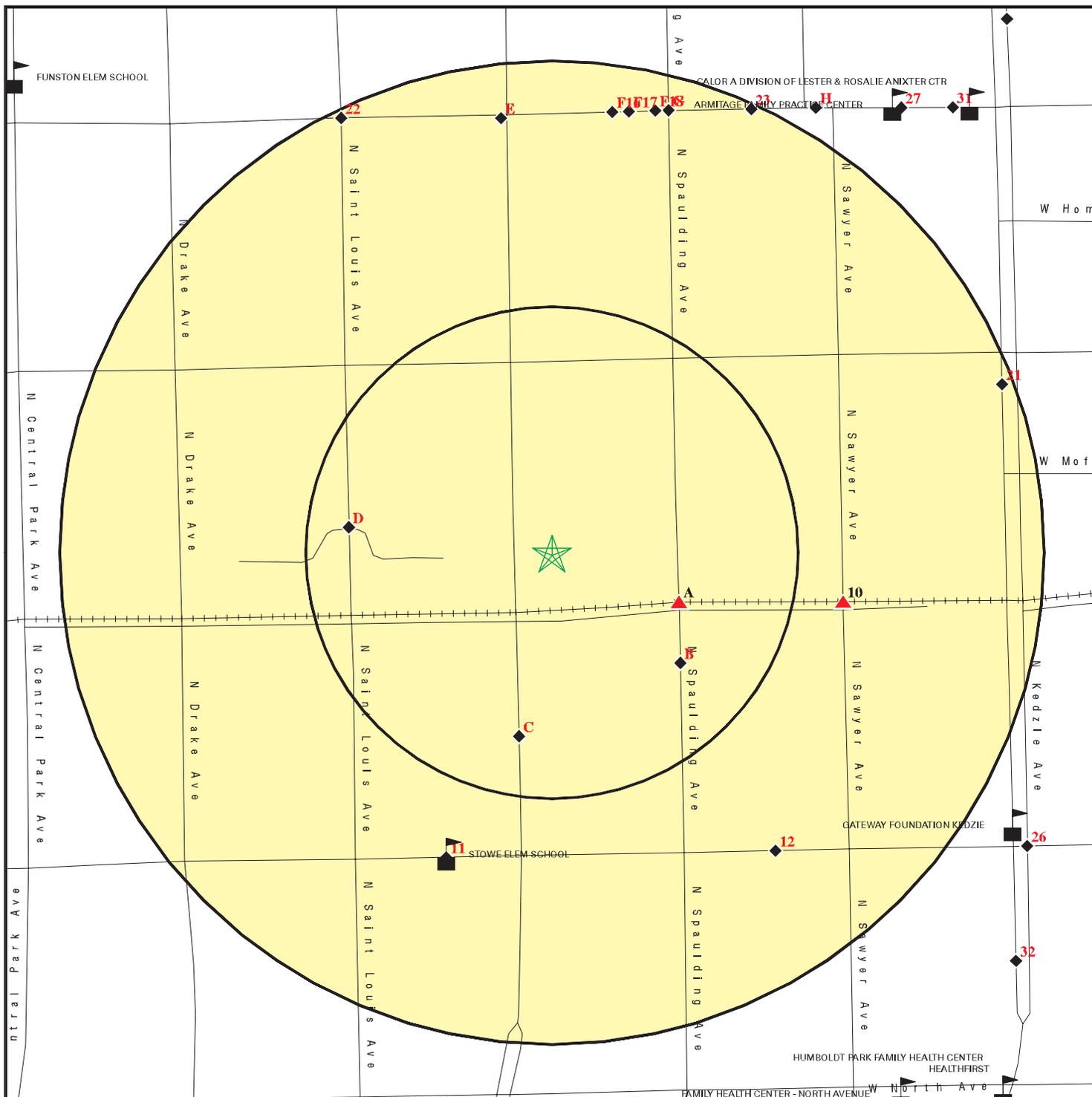
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1807-1815 North Kimball Avenue  
 ADDRESS: 1807-1815 North Kimball Avenue  
 Chicago IL 60647  
 LAT/LONG: 41.9141 / 87.7114

CLIENT: Clean World Engineering, Ltd.  
 CONTACT: Thomas Blaszak  
 INQUIRY #: 2693463.2s  
 DATE: February 05, 2010 4:52 pm

# DETAIL MAP - 2693463.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1807-1815 North Kimball Avenue  
 ADDRESS: 1807-1815 North Kimball Avenue  
 Chicago IL 60647  
 LAT/LONG: 41.9141 / 87.7114

CLIENT: Clean World Engineering, Ltd.  
 CONTACT: Thomas Blaszak  
 INQUIRY #: 2693463.2s  
 DATE: February 05, 2010 4:52 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	1	0	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	2	1	NR	NR	NR	3
RCRA-CESQG		0.250	0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
CAT		1.000	0	0	0	2	NR	2
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS		1.000	0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
LF SPECIAL WASTE		0.500	0	0	0	NR	NR	0
IL NIPC		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	2	1	16	NR	NR	19

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST		0.500	0	0	1	NR	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST		0.250	3	1	NR	NR	NR	4
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS		0.500	2	0	1	NR	NR	3
INST CONTROL		0.500	2	0	1	NR	NR	3
<b>State and tribal voluntary cleanup sites</b>								
SRP		0.500	3	0	3	NR	NR	6
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
LF SPECIAL WASTE		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	1	0	NR	NR	NR	1
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
IMPDMENT		0.500	0	0	0	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

### EDR PROPRIETARY RECORDS

#### *EDR Proprietary Records*

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	5	NR	NR	NR	5
EDR Historical Cleaners		0.250	0	4	NR	NR	NR	4

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A1  
ESE  
< 1/8  
0.069 mi.  
366 ft.

COMPCO CORP  
1800 N SPAULDING AVE  
CHICAGO, IL 60647

Site 1 of 2 in cluster A

RCRA-NonGen 1000345731  
FINDS ILD005146303

Relative:  
Equal

RCRA-NonGen:

Date form received by agency: 10/23/1980

Facility name: COMPCO CORP

Facility address: 1800 N SPAULDING AVE

CHICAGO, IL 60647

EPA ID: ILD005146303

Contact: MR ZAGLE

Contact address: 1800 N SPAULDING AVE

CHICAGO, IL 60647

Contact country: US

Contact telephone: (312) 384-1000

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:  
605 ft.

Owner/Operator Summary:

Owner/operator name: COMPCO CORPORATION

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported

Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported

Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COMPCO CORP (Continued)**

**1000345731**

Used oil transporter: No  
 Off-site waste receiver: Verified to be non-commercial

**Hazardous Waste Summary:**

Waste code: D001  
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F017  
 Waste name: Not Defined

Violation Status: No violations found

**FINDS:**

Registry ID: 110005814994

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**A2**  
**ESE**  
 < 1/8  
 0.069 mi.  
 366 ft.

**CITY OF CHICAGO (ABANDONMENT)**  
**1800 N SPAULDING**  
**CHICAGO, IL 60647**

**RCRA-SQG 1004698511**  
**FINDS ILR000107615**

**Site 2 of 2 in cluster A**

**Relative:**  
**Equal**

RCRA-SQG:  
 Date form received by agency: 08/09/2001  
 Facility name: CITY OF CHICAGO (ABANDONMENT)  
 Facility address: 1800 N SPAULDING  
 CHICAGO, IL 60647  
 EPA ID: ILR000107615  
 Mailing address: 30 N LASALLE 25TH FLOOR  
 CHICAGO, IL 60601  
 Contact: TERRY SHEAHAN  
 Contact address: 30 N LASALLE 25TH FLOOR  
 CHICAGO, IL 60601

**Actual:**  
**605 ft.**

Contact country: US  
 Contact telephone: (312) 744-7674  
 Contact email: Not reported  
 EPA Region: 05  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF CHICAGO (ABANDONMENT) (Continued)**

**1004698511**

Owner/Operator Summary:

Owner/operator name: CITY OF CHICAGO  
Owner/operator address: 30 N LASALLE 25TH FLOOR  
CHICAGO, IL 60601  
Owner/operator country: Not reported  
Owner/operator telephone: (312) 744-7674  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110012269918

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B3**  
**SE**  
**< 1/8**  
**0.086 mi.**  
**455 ft.**

**G & A RESIDENCES**  
**1750 N. SPAULDING**  
**CHICAGO, IL 60660**  
**Site 1 of 2 in cluster B**

**UST** **U003995129**  
**N/A**

**Relative:**  
**Lower**

UST:

Facility ID: 2042723  
Facility Status: Exempt  
**Facility Type: Commercial / Retail**  
Owner Name: Spaulding Partners, LLT  
Owner Id: U0032623  
Owner Address: 1400 W. Devon, Suite 506  
Owner City,St,Zip: Chicago, IL 60660

**Actual:**  
**604 ft.**

Tank Number: 1  
Tank Capacity: 1500  
Tank Substance: Heating Oil  
Last Used Date: 12/31/1973  
OSFM First Notify Date: 4/29/2005  
**Tank Status: Exempt from registration**  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal: Not reported**  
**Green Tag Issue Date: Not reported**  
**Green Tag Expire Date: Not reported**  
**Self Service Permit Inspection Date: Not reported**  
**Self Service Permit Expire Date: Not reported**  
Fee Due: Not reported

Tank Number: 2  
Tank Capacity: 1000  
Tank Substance: Heating Oil  
Last Used Date: 12/31/1973  
OSFM First Notify Date: 4/29/2005  
**Tank Status: Exempt from registration**  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal: Not reported**  
**Green Tag Issue Date: Not reported**  
**Green Tag Expire Date: Not reported**  
**Self Service Permit Inspection Date: Not reported**  
**Self Service Permit Expire Date: Not reported**  
Fee Due: Not reported

**B4**  
**SE**  
**< 1/8**  
**0.086 mi.**  
**455 ft.**

**G&A RESIDENCE AT SPAULDING**  
**1750 NORTH SPAULDING AVENUE**  
**CHICAGO, IL 60647**  
**Site 2 of 2 in cluster B**

**LUST** **S106779138**  
**ENG CONTROLS** **N/A**  
**SRP**

**Relative:**  
**Lower**

LUST:

Incident Num: 20050512  
IL EPA Id: 0316225229  
Product: Other Petro  
IEMA Date: 4/14/2005  
Project Manager: Not reported  
Project Manager Phone: Not reported  
Email: Not reported

**Actual:**  
**604 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G&A RESIDENCE AT SPAULDING (Continued)**

**S106779138**

PRP Name: Not reported  
PRP Contact: Not reported  
PRP Address: Not reported  
PRP City,St,Zip: Not reported  
PRP Phone: Not reported  
Site Classification: Not reported  
Section 57.5(g) Letter: P.A.  
Non LUST Determination Letter: Not reported  
20 Report Received: 8/1/2005  
45 Report Received: 8/1/2005  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: 1/4/2007**  
NFR Date Recorded: 2/2/2007

**ENGINEERING CONTROLS:**

Illinois Epa Id: 0316225229  
NFR Letter: 1/4/2007  
Date NFR Recorded: 2/2/2007  
Type Of Site: Residential  
Comprehensive / Focused: Comprehensive  
Remediation Applicant Title: Mr.  
Remediation Applicant Name: George Ardelean  
RA Company: Spaulding Partners, L.P.  
RA Address: 6142 North California Avenue  
RA Secondary Address: Not reported  
RA City,St,Zip: Chicago, IL 60659-  
Institutional Controls: Not reported  
Engineered Barriers: Asphalt barrier/Clean soil barrier/Concrete barrier/Building foundation  
Worker Caution: False  
Acres: 0.58799

**SRP:**

IL EPA Id: 0316225229  
US EPA Id: Not reported  
Longitude: -87.7106  
Latitude: 41.91332  
Contact Name: George Ardelean  
Contact Address: 6142 North California Avenue  
Contact Address2: Not reported  
Contact City,St,Zip: Chicago, IL 60659-  
Contact Phone: (773) 506-1200  
Date Enrolled: 2/7/2005  
Point Of Contact: Heather Williams Dawdy  
Consultant Company: ECS Illinois, LLC  
Consultant Address: 1575 Barclay Boulevard  
Consultant Address2: Not reported  
Consultant City,St,Zip: Buffalo Grove, IL 60089-  
Consultant Phone: (847) 279-0366  
Proj Mgr Assigned: Irwin  
Sec. 4 Letter Date: Not reported  
NFR Recorded: 2/2/2007  
Active: False  
Total Acres: 0.588  
No Further Remediation Letter Dt: 1/4/2007  
Remediation Applicant Co: Spaulding Partners, L.P.  
Remediation Applicant Title: Mr.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G&A RESIDENCE AT SPAULDING (Continued)**

**S106779138**

Remediation Applicant Name: Mr. George Ardelean  
Remediation Applicant Company: Spaulding Partners, L.P.  
Remediation Applicant Address: 6142 North California Avenue  
Remediation Applicant Address 2: Not reported  
Remediation Applicant City,St,Zip: Chicago, IL 60659-  
Illinois EPA: 0316225229  
Site Name: G&A Residence at Spaulding  
NFR Letter: 1/4/2007  
NFR Letter Date Recorded: 2/2/2007  
Site Type: Residential  
Comprehensive/Focused: Comprehensive  
Institutional Controls: Not reported  
Barrier: Asphalt barrier/Clean soil barrier/Concrete barrier/Building foundation  
Worker Caution: False  
Acres: 0.58799

**C5**  
**South**  
**< 1/8**  
**0.095 mi.**  
**501 ft.**

**CHICAGO WIRE DESIGN**  
**1750 N KIMBALL ST**  
**CHICAGO, IL 60647**  
**Site 1 of 2 in cluster C**

**RCRA-SQG 1000841323**  
**FINDS ILD984862698**  
**UST**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 04/03/1992  
Facility name: CHICAGO WIRE DESIGN  
Facility address: 1750 N KIMBALL ST  
CHICAGO, IL 60647  
EPA ID: ILD984862698  
Contact: MARGARITO SALGATO  
Contact address: 1750 N KIMBALL ST  
CHICAGO, IL 60647  
Contact country: US  
Contact telephone: (312) 342-4220  
Contact email: Not reported  
EPA Region: 05  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHICAGO WIRE DESIGN  
Owner/operator address: 1750 N KIMBALL ST  
CHICAGO, IL 60647  
Owner/operator country: Not reported  
Owner/operator telephone: (312) 342-4220  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHICAGO WIRE DESIGN (Continued)**

**1000841323**

Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

**FINDS:**

Registry ID: 110005908713

**Environmental Interest/Information System**

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**UST:**

Facility ID: 2041031  
Facility Status: Exempt  
**Facility Type: None**  
Owner Name: Chicago Wire Design  
Owner Id: U0030649  
Owner Address: 1750 N Kimball  
Owner City,St,Zip: Chicago, IL 60647

Tank Number: 1  
Tank Capacity: 6000  
Tank Substance: Heating Oil  
Last Used Date: 12/31/1973  
OSFM First Notify Date: 6/20/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHICAGO WIRE DESIGN (Continued)

1000841323

**Tank Status:** Exempt from registration  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal:** Not reported  
**Green Tag Issue Date:** Not reported  
**Green Tag Expire Date:** Not reported  
**Self Service Permit Inspection Date:** Not reported  
**Self Service Permit Expire Date:** Not reported  
Fee Due: Not reported

C6  
South  
< 1/8  
0.095 mi.  
501 ft.

CHICAGO WIRE DESIGN  
1750 NORTH KIMBALL AVENUE  
CHICAGO, IL 60647  
Site 2 of 2 in cluster C

INST CONTROL  
SRP S105424209  
N/A

Relative:  
Lower

IL INSTUTIONAL CONTROL:  
Illinois EPA Id: 0316225066  
NFR Letter: 4/8/2002  
Date NFR Recorded: 4/24/2002  
Type Of Site: Industrial/Commercial  
Comprehensive / Focused: Focused  
Remediation Applicant Title: Mr.  
Remediation Applicant Name: Frank Lopez  
RA Company: Chicago Wire Design  
RA Address: 1740 North Kimball Avenue  
RA Secondary Address: Not reported  
RA City,St,Zip: Chicago, IL 60647-  
Institutional Controls: Groundwater use restriction  
Engineered Barriers: Not reported  
Worker Caution: False  
Acres: 0.73

Actual:  
604 ft.

SRP:

IL EPA Id: 0316225066  
US EPA Id: ILD984862698  
Longitude: -87.71228  
Latitude: 41.91339  
Contact Name: Frank Lopez  
Contact Address: 1750 North Kimball Avenue  
Contact Address2: Not reported  
Contact City,St,Zip: Chicago, IL 60647-  
Contact Phone: (773) 342-4220  
Date Enrolled: 7/12/2001  
Point Of Contact: Robert wayner  
Consultant Company: Gabriel Environmental Services  
Consultant Address: 1421 North Elston Avenue  
Consultant Address2: Not reported  
Consultant City,St,Zip: Chicago, IL 60622-  
Consultant Phone: (773) 486-2123  
Proj Mgr Assigned: McCaslin  
Sec. 4 Letter Date: Not reported  
NFR Recorded: 4/24/2002  
Active: False  
Total Acres: 0.73  
No Further Remediation Letter Dt: 4/8/2002  
Remediation Applicant Co: Chicago Wire Design

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHICAGO WIRE DESIGN (Continued)**

**S105424209**

Remediation Applicant Title: Mr.  
Remediation Applicant Name: Mr. Frank Lopez  
Remediation Applicant Company: Chicago Wire Design  
Remediation Applicant Address: 1740 North Kimball Avenue  
Remediation Applicant Address 2: Not reported  
Remediation Applicant City,St,Zip: Chicago, IL 60647-  
Illinois EPA: 0316225066  
Site Name: Chicago Wire Design  
NFR Letter: 4/8/2002  
NFR Letter Date Recorded: 4/24/2002  
Site Type: Industrial/Commercial  
Comprehensive/Focused: Focused  
Institutional Controls: Groundwater use restriction  
Barrier: Not reported  
Worker Caution: False  
Acres: 0.73

**D7**  
**West**  
**< 1/8**  
**0.104 mi.**  
**548 ft.**

**HUMBOLDT RIDGE**  
**1800-1816 N ST LOUIS**  
**CHICAGO, IL 60647**

**Site 1 of 3 in cluster D**

**UST U003762823**  
**N/A**

**Relative:**  
**Lower**

**UST:**

**Actual:**  
**604 ft.**

Facility ID: 2039990  
Facility Status: Exempt  
**Facility Type: None**  
Owner Name: Humboldt Ridge Limited Partnership  
Owner Id: U0029684  
Owner Address: 350 W Humboldt St  
Owner City,St,Zip: Chicago, IL 60610

Tank Number: 1  
Tank Capacity: 550  
Tank Substance: Gasoline  
Last Used Date: 12/31/1973  
OSFM First Notify Date: 7/19/2000  
**Tank Status: Exempt from registration**  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal: Not reported**  
**Green Tag Issue Date: Not reported**  
**Green Tag Expire Date: Not reported**  
**Self Service Permit Inspection Date: Not reported**  
**Self Service Permit Expire Date: Not reported**  
Fee Due: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**D8**  
 West  
 < 1/8  
 0.104 mi.  
 548 ft.

**HUMBOLDT RIDGE LTD. PARTNERSHIP**  
**1800-1816 NORTH ST. LOUIS AVE.**  
**CHICAGO, IL 60647**  
 Site 2 of 3 in cluster D

**LUST**    **S104564365**  
 N/A

**Relative:**  
**Lower**

**LUST:**  
 Incident Num: 20001177  
 IL EPA Id: 0316225189  
 Product: Gasoline  
 IEMA Date: 6/20/2000  
 Project Manager: Bloome  
 Project Manager Phone: (217) 524-1288  
 Email: Clayton.Bloome@illinois.gov  
 PRP Name: Humboldt Ridge Ltd. Partnership  
 PRP Contact: Peter Levavi  
 PRP Address: 350 West Hubbard St., Suite 301  
 PRP City,St,Zip: Chicago, IL 60610  
 PRP Phone: 2135957400  
 Site Classification: Not reported  
 Section 57.5(g) Letter: 732  
 Non LUST Determination Letter: Not reported  
 20 Report Received: Not reported  
 45 Report Received: Not reported  
 Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: 12/24/2001**  
 NFR Date Recorded: 12/27/2001

**D9**  
 West  
 < 1/8  
 0.104 mi.  
 548 ft.

**HUMBOLDT RIDGE**  
**1800 NORTH ST. LOUIS AVENUE**  
**CHICAGO, IL 60647**  
 Site 3 of 3 in cluster D

**ENG CONTROLS**    **S104491591**  
**INST CONTROL**    **N/A**  
**SRP**

**Relative:**  
**Lower**

**ENGINEERING CONTROLS:**  
 Illinois Epa Id: 0316225189  
 NFR Letter: 12/24/2001  
**Actual:**    Date NFR Recorded: 12/27/2001  
 Type Of Site: Residential  
 Comprehensive / Focused: Comprehensive  
 Remediation Applicant Title: Mr.  
 Remediation Applicant Name: Steve Porras  
 RA Company: Humboldt Ridge I limited Partnership  
 RA Address: 350 West Hubbard Street  
 RA Secondary Address: Suite 301  
 RA City,St,Zip: Chicago, IL 60610-  
 Institutional Controls: Groundwater use restriction  
 Engineered Barriers: Building foundation/Asphalt barrier/Concrete barrier/Clay cap  
 Worker Caution: True  
 Acres: 3.3

**IL INSTUTIONAL CONTROL:**  
 Illinois EPA Id: 0316225189  
 NFR Letter: 12/24/2001  
 Date NFR Recorded: 12/27/2001  
 Type Of Site: Residential  
 Comprehensive / Focused: Comprehensive  
 Remediation Applicant Title: Mr.  
 Remediation Applicant Name: Steve Porras

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUMBOLDT RIDGE (Continued)**

**S104491591**

RA Company: Humboldt Ridge I limited Partnership  
RA Address: 350 West Hubbard Street  
RA Secondary Address: Suite 301  
RA City,St,Zip: Chicago, IL 60610-  
Institutional Controls: Groundwater use restriction  
Engineered Barriers: Building foundation/Asphalt barrier/Concrete barrier/Clay cap  
Worker Caution: True  
Acres: 3.3

**SRP:**

IL EPA Id: 0316225189  
US EPA Id: Not reported  
Longitude: -87.71425  
Latitude: 41.91407  
Contact Name: Stephen Porras  
Contact Address: 350 West Hubbard Street  
Contact Address2: Suite 301  
Contact City,St,Zip: Chicago, IL 60610-  
Contact Phone: (312) 595-7400  
Date Enrolled: 3/24/2000  
Point Of Contact: Charity Simpson  
Consultant Company: Pioneer Environmental, Inc.  
Consultant Address: 700 North Sacramento Boulevard  
Consultant Address2: Suite 101  
Consultant City,St,Zip: Chicago, IL 60612-  
Consultant Phone: (312) 587-1021  
Proj Mgr Assigned: Hacke  
Sec. 4 Letter Date: Not reported  
NFR Recorded: 12/27/2001  
Active: False  
Total Acres: 3.3  
No Further Remediation Letter Dt: 12/24/2001  
Remediation Applicant Co: Humboldt Ridge Limited I Partnership  
Remediation Applicant Title: Vice President  
Remediation Applicant Name: Mr. Steve Porras  
Remediation Applicant Company: Humboldt Ridge I limited Partnership  
Remediation Applicant Address: 350 West Hubbard Street  
Remediation Applicant Address 2: Suite 301  
Remediation Applicant City,St,Zip: Chicago, IL 60610-  
Illinois EPA: 0316225189  
Site Name: Humboldt Ridge  
NFR Letter: 12/24/2001  
NFR Letter Date Recorded: 12/27/2001  
Site Type: Residential  
Comprehensive/Focused: Comprehensive  
Institutional Controls: Groundwater use restriction  
Barrier: Building foundation/Asphalt barrier/Concrete barrier/Clay cap  
Worker Caution: True  
Acres: 3.3

IL EPA Id: 0316225189  
US EPA Id: Not reported  
Longitude: -87.71425  
Latitude: 41.91407  
Contact Name: Stephen Porras  
Contact Address: 350 West Hubbard Street

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HUMBOLDT RIDGE (Continued)**

**S104491591**

Contact Address2: Suite 301  
 Contact City,St,Zip: Chicago, IL 60610-  
 Contact Phone: (312) 595-7400  
 Date Enrolled: 3/24/2000  
 Point Of Contact: Charity Simpson  
 Consultant Company: Pioneer Environmental, Inc.  
 Consultant Address: 700 North Sacramento Boulevard  
 Consultant Address2: Suite 101  
 Consultant City,St,Zip: Chicago, IL 60612-  
 Consultant Phone: (312) 587-1021  
 Proj Mgr Assigned: Hacke  
 Sec. 4 Letter Date: Not reported  
 NFR Recorded: Not reported  
 Active: False  
 Total Acres: 3.3  
 No Further Remediation Letter Dt: 12/21/2001  
 Remediation Applicant Co: Humboldt Ridge Limited I Partnership  
 Remediation Applicant Title: Vice President  
 Remediation Applicant Name: Mr. Steve Porras  
 Remediation Applicant Company: Humboldt Ridge I limited Partnership  
 Remediation Applicant Address: 350 West Hubbard Street  
 Remediation Applicant Address 2: Suite 301  
 Remediation Applicant City,St,Zip: Chicago, IL 60610-  
 Illinois EPA: 0316225189  
 Site Name: Humboldt Ridge  
 NFR Letter: 12/24/2001  
 NFR Letter Date Recorded: 12/27/2001  
 Site Type: Residential  
 Comprehensive/Focused: Comprehensive  
 Institutional Controls: Groundwater use restriction  
 Barrier: Building foundation/Asphalt barrier/Concrete barrier/Clay cap  
 Worker Caution: True  
 Acres: 3.3

**10  
 East  
 1/8-1/4  
 0.150 mi.  
 792 ft.**

**LOS PRIMOS AUTO MECHANIC  
 1807 N SAWYER AVE  
 CHICAGO, IL**

**EDR Historical Auto Stations 1009073826  
 N/A**

**Relative:  
 Equal**

EDR Historical Auto Stations:  
 Name: LOS PRIMOS AUTO MECHANIC  
 Year: 2003  
 Type: AUTOMOBILE REPAIR AND SERVICE

**Actual:  
 605 ft.**

**11  
 SSW  
 1/8-1/4  
 0.164 mi.  
 866 ft.**

**STOWE SCHOOL HARRIET BEECHER  
 3444 W WABANSIA AVE  
 CHICAGO, IL 60647**

**RCRA-CESQG 1004696984  
 FINDS ILR000061283**

**Relative:  
 Lower**

RCRA-CESQG:  
 Date form received by agency: 02/08/1999  
 Facility name: STOWE SCHOOL HARRIET BEECHER  
 Facility address: 3444 W WABANSIA AVE

**Actual:  
 603 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOWE SCHOOL HARRIET BEECHER (Continued)**

**1004696984**

CHICAGO, IL 60647  
EPA ID: ILR000061283  
Mailing address: 8501 W 191ST ST BOX 10  
MOKENA, IL 60448  
Contact: THOMAS CONNELLY  
Contact address: 8501 W 191ST ST BOX 10  
MOKENA, IL 60448  
Contact country: US  
Contact telephone: (708) 923-0202  
Contact email: Not reported  
EPA Region: 05  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

**Owner/Operator Summary:**

Owner/operator name: CHICAGO PUBLIC SCHOOLS 6WN  
Owner/operator address: 1819 W PERSHING RD  
CHICAGO, IL 60609  
Owner/operator country: Not reported  
Owner/operator telephone: (773) 535-7038  
Legal status: District  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOWE SCHOOL HARRIET BEECHER (Continued)**

**1004696984**

Hazardous Waste Summary:

Waste code: D006  
Waste name: CADMIUM  
  
Waste code: D008  
Waste name: LEAD  
  
Waste code: D009  
Waste name: MERCURY  
  
Violation Status: No violations found

FINDS:

Registry ID: 110009386413

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

12  
SE  
1/8-1/4  
0.189 mi.  
1000 ft.

**WABANSIA MERCURY SITE**  
**3269 WEST WABANSIA AVENUE**  
**CHICAGO, IL 60647**

**CERC-NFRAP 1001814512**  
**ILSFN0507979**

**Relative:**  
**Lower**

CERC-NFRAP:  
Site ID: 0507979  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

**Actual:**  
**601 ft.**

CERCLIS-NFRAP Site Contact Name(s):

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WABANSIA MERCURY SITE (Continued)**

**1001814512**

Contact Title: Enforcement Specialist  
Contact Name: CAROL A. ROPSKI  
Contact Tel: (312) 353-7647

Contact Title: EPA ORC  
Contact Name: ROBERT THOMPSON  
Contact Tel: (312) 353-6700

Contact Title: civil investigator  
Contact Name: JOE KAWECKI  
Contact Tel: (312) 886-7236

Contact Title: EPA - OSC  
Contact Name: WALTER F. NIED Jr.  
Contact Tel: (312) 886-4466

CERCLIS-NFRAP Assessment History:

Action: REMOVAL  
Date Started: 08/24/1999  
Date Completed: 09/15/1999  
Priority Level: Cleaned up

Action: NON-NPL PRP SEARCH  
Date Started: Not reported  
Date Completed: 09/17/1999  
Priority Level: Not reported

Action: AM  
Date Started: Not reported  
Date Completed: 01/22/2001  
Priority Level: Not reported

Action: DD  
Date Started: Not reported  
Date Completed: 10/09/2001  
Priority Level: Not reported

Action: CLOSE OUT REPORT  
Date Started: Not reported  
Date Completed: 07/21/2004  
Priority Level: Not reported

Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 07/21/2004  
Priority Level: Not reported

**E13**      **GAS STATION OK SER CTR LTD**  
**North**    **3400 W ARMITAGE**  
**1/8-1/4**   **CHICAGO, IL 60647**  
**0.222 mi.**  
**1173 ft.**   **Site 1 of 3 in cluster E**

**UST**    **U001142490**  
          **N/A**

**Relative:**    **UST:**  
**Lower**        Facility ID:            2011342  
                  Facility Status:      Closed  
**Actual:**      **Facility Type:**      **Commercial / Retail**  
**601 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS STATION OK SER CTR LTD (Continued)**

**U001142490**

Owner Name: Gas Station Ok Ser Ctr Ltd  
Owner Id: U0005662  
Owner Address: 3400 W Armitage  
Owner City,St,Zip: Chicago, IL 60647

Tank Number: 1  
Tank Capacity: 6000  
Tank Substance: Gasoline  
Last Used Date: Not reported  
OSFM First Notify Date: 6/27/1986  
**Tank Status: Removed**  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal: Not reported**  
**Green Tag Issue Date: Not reported**  
**Green Tag Expire Date: Not reported**  
**Self Service Permit Inspection Date: Not reported**  
**Self Service Permit Expire Date: Not reported**  
Fee Due: Not reported

Tank Number: 2  
Tank Capacity: 6000  
Tank Substance: Gasoline  
Last Used Date: Not reported  
OSFM First Notify Date: 6/27/1986  
**Tank Status: Removed**  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal: Not reported**  
**Green Tag Issue Date: Not reported**  
**Green Tag Expire Date: Not reported**  
**Self Service Permit Inspection Date: Not reported**  
**Self Service Permit Expire Date: Not reported**  
Fee Due: Not reported

Tank Number: 3  
Tank Capacity: 4000  
Tank Substance: Gasoline  
Last Used Date: Not reported  
OSFM First Notify Date: 6/27/1986  
**Tank Status: Removed**  
Red Tag Issue Date: Not reported  
Install Date: Not reported  
**Green Tag Decal: Not reported**  
**Green Tag Issue Date: Not reported**  
**Green Tag Expire Date: Not reported**  
**Self Service Permit Inspection Date: Not reported**  
**Self Service Permit Expire Date: Not reported**  
Fee Due: Not reported

Tank Number: 4  
Tank Capacity: 300  
Tank Substance: Used Oil  
Last Used Date: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GAS STATION OK SER CTR LTD (Continued)**

**U001142490**

OSFM First Notify Date: 3/1/1994  
**Tank Status:** **Removed**  
 Red Tag Issue Date: Not reported  
 Install Date: Not reported  
**Green Tag Decal:** **Not reported**  
**Green Tag Issue Date:** **Not reported**  
**Green Tag Expire Date:** **Not reported**  
**Self Service Permit Inspection Date:** **Not reported**  
**Self Service Permit Expire Date:** **Not reported**  
 Fee Due: Not reported

Tank Number: 5  
 Tank Capacity: 1000  
 Tank Substance: Heating Oil  
 Last Used Date: Not reported  
 OSFM First Notify Date: 3/1/1994  
**Tank Status:** **Removed**  
 Red Tag Issue Date: Not reported  
 Install Date: Not reported  
**Green Tag Decal:** **Not reported**  
**Green Tag Issue Date:** **Not reported**  
**Green Tag Expire Date:** **Not reported**  
**Self Service Permit Inspection Date:** **Not reported**  
**Self Service Permit Expire Date:** **Not reported**  
 Fee Due: Not reported

**E14**  
 North  
 1/8-1/4  
 0.222 mi.  
 1173 ft.

**MIDWEST AUTO CENTER INC**  
**3400 W ARMITAGE AVE**  
**CHICAGO, IL**

**EDR Historical Auto Stations 1009075743**  
**N/A**

**Site 2 of 3 in cluster E**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: RODRIGUEZ OKLAHOMA STA  
 Year: 1981  
 Type: SERVICE STATIONS GASOLINE AND OIL

**Actual:**  
**601 ft.**

Name: MIDWEST AUTO CENTER INC  
 Year: 2003  
 Type: SERVICE STATIONS GAS AND OIL

**E15**  
 North  
 1/8-1/4  
 0.222 mi.  
 1173 ft.

**OK SERVICE CTR.**  
**3400 WEST ARMITAGE AVE.**  
**CHICAGO, IL 60647**

**LUST S104523297**  
**N/A**

**Site 3 of 3 in cluster E**

**Relative:**  
**Lower**

LUST:

Incident Num: 940579  
 IL EPA Id: 0316225100  
 Product: Gasoline  
 IEMA Date: 3/19/1994  
 Project Manager: Rothering  
 Project Manager Phone: (217) 785-1858  
 Email: Scott.Rothering@illinois.gov

**Actual:**  
**601 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**OK SERVICE CTR. (Continued)**

**S104523297**

PRP Name: OK Service Ctr.  
 PRP Contact: Robert Morales  
 PRP Address: 3400 West Armitage Ave.  
 PRP City,St,Zip: Chicago, IL 60647  
 PRP Phone: Not reported  
 Site Classification: HIGH  
 Section 57.5(g) Letter: 732  
 Non LUST Determination Letter: Not reported  
 20 Report Received: 4/22/1994  
 45 Report Received: 10/28/1996  
 Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: 3/10/2006**  
 NFR Date Recorded: 9/11/2009

**F16**  
 North  
 1/8-1/4  
 0.226 mi.  
 1193 ft.

**FLORES ARCO STA**  
**3334 W ARMITAGE**  
**CHICAGO, IL**

**EDR Historical Auto Stations 1009076105**  
**N/A**

**Site 1 of 3 in cluster F**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: FLORES ARCO STA  
 Year: 1981

**Actual:**  
**600 ft.**

Type: SERVICE STATIONS GASOLINE AND OIL

**F17**  
 North  
 1/8-1/4  
 0.228 mi.  
 1202 ft.

**AMBROSE DE BEER**  
**3324 ARMITAGE AV**  
**CHICAGO, IL**

**EDR Historical Cleaners 1009211358**  
**N/A**

**Site 2 of 3 in cluster F**

**Relative:**  
**Lower**

EDR Historical Cleaners:

Name: AMBROSE DE BEER  
 Year: 1923  
 Type: LAUNDRIES

**Actual:**  
**600 ft.**

**F18**  
 NNE  
 1/8-1/4  
 0.231 mi.  
 1218 ft.

**J & M LAUNDERETTE INC**  
**3309 W ARMITAGE AVE**  
**CHICAGO, IL**

**EDR Historical Cleaners 1009185131**  
**N/A**

**Site 3 of 3 in cluster F**

**Relative:**  
**Lower**

EDR Historical Cleaners:

Name: J AND M LAUNDERETTE INC  
 Year: 1981  
 Type: LAUNDRIES SELF SERVICE

**Actual:**  
**600 ft.**

Name: J & M LAUNDERETTE INC  
 Year: 2003  
 Type: LAUNDRIES SELF SERVICE

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>G19</b> <b>NNE</b> <b>1/8-1/4</b> <b>0.232 mi.</b> <b>1224 ft.</b>	<b>PAKIN JOS</b> <b>3302 ARMITAGE AV</b> <b>CHICAGO, IL</b>  <b>Site 1 of 2 in cluster G</b>	<b>EDR Historical Cleaners</b>	<b>1009213542</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>  <b>Actual:</b> <b>600 ft.</b>	<b>EDR Historical Cleaners:</b> Name: PAKIN JOS Year: 1928 Type: CLOTHES PRESSEERS AND CLEANERS
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<b>G20</b> <b>NNE</b> <b>1/8-1/4</b> <b>0.232 mi.</b> <b>1228 ft.</b>	<b>ARMITAGE CLEANERS</b> <b>3301 W ARMITAGE</b> <b>CHICAGO, IL 60647</b>  <b>Site 2 of 2 in cluster G</b>	<b>RCRA-SQG</b> <b>FINDS</b>	<b>1000264044</b> <b>ILD114010705</b>
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<b>Relative:</b> <b>Lower</b>  <b>Actual:</b> <b>600 ft.</b>	<b>RCRA-SQG:</b> Date form received by agency: 11/07/1996 Facility name: ARMITAGE CLEANERS Facility address: 3301 W ARMITAGE CHICAGO, IL 60647  EPA ID: ILD114010705 Contact: JOSEPH HONG Contact address: 3301 W ARMITAGE CHICAGO, IL 60647  Contact country: US Contact telephone: (312) 486-0700 Contact email: Not reported EPA Region: 05 Land type: Facility is not located on Indian land. Additional information is not known. Classification: Small Small Quantity Generator Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time
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<b>Owner/Operator Summary:</b>	
Owner/operator name:	HONG JOSEPH
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	(312) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	HONG JOSEPH
Owner/operator address:	ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998
Owner/operator country:	Not reported
Owner/operator telephone:	(312) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARMITAGE CLEANERS (Continued)**

**1000264044**

Owner/operator name: NAME NOT REPORTED  
Owner/operator address: ADDRESS NOT REPORTED  
CITY NOT REPORTED, AK 99998  
Owner/operator country: Not reported  
Owner/operator telephone: (312) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED  
Owner/operator address: ADDRESS NOT REPORTED  
CITY NOT REPORTED, AK 99998  
Owner/operator country: Not reported  
Owner/operator telephone: (312) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/18/1986  
Facility name: ARMITAGE CLEANERS  
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARMITAGE CLEANERS (Continued)**

**1000264044**

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Not reported  
Date violation determined: Not reported  
Date achieved compliance: Not reported  
Violation lead agency: Not reported  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/07/1996  
Evaluation: COMPLIANCE ASSISTANCE VISIT  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

FINDS:

Registry ID: 110005846460

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>21</b> <b>ENE</b> <b>1/8-1/4</b> <b>0.244 mi.</b> <b>1289 ft.</b>	<b>CORTLAND CLNRS DVERS</b> <b>1858 N KEDZIE</b> <b>CHICAGO, IL</b>	<b>EDR Historical Cleaners</b>	<b>1009204074</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	EDR Historical Cleaners: Name: CORTLAND CLNRS DVERS Year: 1928 Type: CLEANERS GARMENTS CURTAINS AND DRAPERIES
<b>Actual:</b> <b>599 ft.</b>	

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<b>22</b> <b>NNW</b> <b>1/8-1/4</b> <b>0.245 mi.</b> <b>1296 ft.</b>	<b>OKEY DOYLE J</b> <b>3501 ARMITAGE AV</b> <b>CHICAGO, IL</b>	<b>EDR Historical Auto Stations</b>	<b>1009120928</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	EDR Historical Auto Stations: Name: OKEY DOYLE J Year: 1928 Type: AUTOMOBILE REPAIRING
<b>Actual:</b> <b>601 ft.</b>	

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<b>23</b> <b>NNE</b> <b>1/8-1/4</b> <b>0.247 mi.</b> <b>1305 ft.</b>	<b>GTO AUTO REPAIR</b> <b>3271 W ARMITAGE AVE</b> <b>CHICAGO, IL</b>	<b>EDR Historical Auto Stations</b>	<b>1009072861</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	EDR Historical Auto Stations: Name: GTO AUTO REPAIR Year: 2003 Type: AUTOMOBILE REPAIR AND SERVICE
<b>Actual:</b> <b>600 ft.</b>	

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<b>H24</b> <b>NNE</b> <b>1/4-1/2</b> <b>0.263 mi.</b> <b>1388 ft.</b>	<b>ST. AUGUSTINE COLLEGE</b> <b>3247 WEST ARMITAGE AVE.</b> <b>CHICAGO, IL 60640</b>  <b>Site 1 of 2 in cluster H</b>	<b>LUST</b>	<b>S104522458</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	LUST: Incident Num: 951577 IL EPA Id: 0316035108 Product: Other Petro IEMA Date: 7/25/1995 Project Manager: Kuhlman Project Manager Phone: (217) 785-5715 Email: Eric.Kuhlman@illinois.gov PRP Name: St. Augustine College PRP Contact: Carmen Dominguez PRP Address: 1333 West Argyle St. PRP City,St,Zip: Chicago, IL 60640 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: 6/15/2005 20 Report Received: 8/22/1995 45 Report Received: Not reported
<b>Actual:</b> <b>599 ft.</b>	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. AUGUSTINE COLLEGE (Continued)**

**S104522458**

Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: Not reported**  
NFR Date Recorded: Not reported

**H25**  
**NNE**  
**1/4-1/2**  
**0.264 mi.**  
**1395 ft.**

**ST. AUGUSTINE COLLEGE**  
**3245-3255 WEST ARMITAGE STREET**  
**CHICAGO, IL 60647**

**SRP S109143349**  
**N/A**

**Site 2 of 2 in cluster H**

**Relative:**  
**Lower**

SRP:

**Actual:**  
**599 ft.**

IL EPA Id: 0316035108  
US EPA Id: ILR000005835  
Longitude: -87.70907  
Latitude: 41.91707  
Contact Name: Bruno Bondavalli  
Contact Address: 1333 West Argyle Street  
Contact Address2: Not reported  
Contact City,St,Zip: Chicago, IL 60640-  
Contact Phone: (773) 878-4699  
Date Enrolled: 5/27/2008  
Point Of Contact: Peter Cambouris  
Consultant Company: Weaver Boos Consultants North Central, LLC  
Consultant Address: 70 West Madison Avenue  
Consultant Address2: Suite 4250  
Consultant City,St,Zip: Chicago, IL 60602-  
Consultant Phone: (312) 922-1030  
Proj Mgr Assigned: Mergen  
Sec. 4 Letter Date: Not reported  
NFR Recorded: Not reported  
Active: True  
Total Acres: Not reported  
No Further Remediation Letter Dt: Not reported  
Remediation Applicant Co: St. Augustine College  
Remediation Applicant Title: President  
Remediation Applicant Name: Not reported  
Remediation Applicant Company: Not reported  
Remediation Applicant Address: Not reported  
Remediation Applicant Address 2: Not reported  
Remediation Applicant City,St,Zip: Not reported  
Illinois EPA: Not reported  
Site Name: Not reported  
NFR Letter: Not reported  
NFR Letter Date Recorded: Not reported  
Site Type: Not reported  
Comprehensive/Focused: Not reported  
Institutional Controls: Not reported  
Barrier: Not reported  
Worker Caution: Not reported  
Acres: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>26</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.284 mi.</b> <b>1498 ft.</b>	<b>PUERTO RICAN DEVELOPMENT ASSOCIATIO</b> <b>1701 NORTH KEDZIE</b> <b>CHICAGO, IL 60647</b>	<b>LUST</b>	<b>S108891462</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Incident Num: 20071300 IL EPA Id: 0316225262 Product: Gasoline, Uset Oil IEMA Date: 9/26/2007 Project Manager: Kuhlman Project Manager Phone: (217) 785-5715 Email: Eric.Kuhlman@illinois.gov PRP Name: Not reported PRP Contact: Not reported PRP Address: Not reported PRP City,St,Zip: Not reported PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 734 Non LUST Determination Letter: Not reported 20 Report Received: 11/13/2007 45 Report Received: 2/28/2008 Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: Not reported</b> NFR Date Recorded: Not reported		
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<b>27</b> <b>NE</b> <b>1/4-1/2</b> <b>0.288 mi.</b> <b>1518 ft.</b>	<b>STONER CO.</b> <b>3223 WEST ARMITAGE AVE.</b> <b>CHICAGO, IL 60647</b>	<b>LUST</b>	<b>S104525352</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Incident Num: 913595 IL EPA Id: 0316225065 Product: Gasoline, Fuel Oil IEMA Date: 12/13/1991 Project Manager: NOT ASSIGNED Project Manager Phone: Not reported Email: Not reported PRP Name: Stoner Co. PRP Contact: Rod Stoner PRP Address: 3223 West Armitage Ave. PRP City,St,Zip: Chicago, IL 60647 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731 Non LUST Determination Letter: Not reported 20 Report Received: 1/7/1992 45 Report Received: 6/1/1992 Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: Not reported</b> NFR Date Recorded: Not reported		
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MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>28</b> <b>SSE</b> <b>1/4-1/2</b> <b>0.297 mi.</b> <b>1568 ft.</b>	<b>VAS FOREMOST LIQUORS</b> <b>3301 WEST NORTH AVENUE</b> <b>CHICAGO, IL 60651</b>	<b>LUST</b>	<b>S109327881</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Incident Num: 20081242 IL EPA Id: 0316235169 Product: Other Petro IEMA Date: 8/13/2008 Project Manager: Myers Project Manager Phone: (217) 785-7491 Email: Dave.Myers@illinois.gov PRP Name: Not reported PRP Contact: Not reported PRP Address: Not reported PRP City,St,Zip: Not reported PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 734 Non LUST Determination Letter: Not reported 20 Report Received: 9/3/2008 45 Report Received: 10/6/2008 Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: 12/16/2008</b> NFR Date Recorded: 9/21/2009		
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<b>I29</b> <b>West</b> <b>1/4-1/2</b> <b>0.301 mi.</b> <b>1589 ft.</b>	<b>DHILLON INC.</b> <b>1754 NORTH CENTRAL AVE.</b> <b>CHICAGO, IL 60639</b>  <b>Site 1 of 2 in cluster I</b>	<b>LUST</b>	<b>S104522278</b> <b>N/A</b>
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<b>Relative:</b> <b>Equal</b>	<b>LUST:</b> Incident Num: 952493 IL EPA Id: 0316195176 Product: Gasoline, Deisel IEMA Date: 12/11/1995 Project Manager: Putrich Project Manager Phone: (217) 524-4827 Email: Steve.Putrich@illinois.gov PRP Name: Dhillon Inc. PRP Contact: Mahanbir Dhillon PRP Address: 5035 West Division PRP City,St,Zip: Chicago, IL 60651 PRP Phone: Not reported Site Classification: HIGH Section 57.5(g) Letter: 732 Non LUST Determination Letter: Not reported 20 Report Received: 12/20/1995 45 Report Received: 1/29/1996 Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: Not reported</b> NFR Date Recorded: Not reported		
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MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>I30</b> <b>West</b> <b>1/4-1/2</b> <b>0.301 mi.</b> <b>1589 ft.</b>	<b>EXPRESS FOOD &amp; GAS</b> <b>1754 NORTH CENTRAL AVE.</b> <b>CHICAGO, IL 60639</b>  <b>Site 2 of 2 in cluster I</b>	<b>LUST</b>	<b>S105428841</b> <b>N/A</b>
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<b>Relative:</b> <b>Equal</b>	<b>LUST:</b> Incident Num: 20020692 IL EPA Id: 0316195176 Product: Gasoline, Uset Oil IEMA Date: 5/17/2002 Project Manager: Putrich Project Manager Phone: (217) 524-4827 Email: Steve.Putrich@illinois.gov PRP Name: Express Food & Gas PRP Contact: Mahanbir Dhillon PRP Address: 1754 North Central Ave. PRP City,St,Zip: Chicago, IL 60639 PRP Phone: 7738890009 Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: Not reported 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: Not reported</b> NFR Date Recorded: Not reported		
<b>Actual:</b> <b>605 ft.</b>			

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<b>31</b> <b>NE</b> <b>1/4-1/2</b> <b>0.305 mi.</b> <b>1608 ft.</b>	<b>ELIADES, VASSOS</b> <b>3210 WEST ARMITAGE AVE.</b> <b>CHICAGO, IL 60647</b>	<b>LUST</b>	<b>S104522180</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Incident Num: 960323 IL EPA Id: 0316225123 Product: Gasoline IEMA Date: 2/26/1996 Project Manager: NOT ASSIGNED Project Manager Phone: Not reported Email: Not reported PRP Name: Vassos Eliades PRP Contact: Not reported PRP Address: 1724 East 71st St. PRP City,St,Zip: Chicago, IL 60649 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: Not reported 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: Not reported</b> NFR Date Recorded: Not reported		
<b>Actual:</b> <b>599 ft.</b>			

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

32  
SE  
1/4-1/2  
0.314 mi.  
1658 ft.

**OLVIN SERVICE STATION**  
**1654 NORTH KEDZIE AVENUE**  
**CHICAGO, IL 60647**

**LUST** **S109327832**  
**LUST TRUST** **N/A**

**Relative:**  
**Lower**

LUST:

Incident Num: 20081204  
IL EPA Id: 0316225269  
Product: Gasoline  
IEMA Date: 8/7/2008  
Project Manager: Hale  
Project Manager Phone: (217) 782-1803  
Email: Sam.Hale@illinois.gov  
PRP Name: Not reported  
PRP Contact: Not reported  
PRP Address: Not reported  
PRP City,St,Zip: Not reported  
PRP Phone: Not reported  
Site Classification: Not reported  
Section 57.5(g) Letter: 734  
Non LUST Determination Letter: Not reported  
20 Report Received: 11/17/2008  
45 Report Received: 11/17/2008  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: 4/2/2009**  
NFR Date Recorded: 5/7/2009

**Actual:**  
**600 ft.**

Incident Num: 20081460  
IL EPA Id: 0316225269  
Product: Other Petro  
IEMA Date: 9/24/2008  
Project Manager: Hale  
Project Manager Phone: (217) 782-1803  
Email: Sam.Hale@illinois.gov  
PRP Name: Not reported  
PRP Contact: Not reported  
PRP Address: Not reported  
PRP City,St,Zip: Not reported  
PRP Phone: Not reported  
Site Classification: Not reported  
Section 57.5(g) Letter: 734  
Non LUST Determination Letter: Not reported  
20 Report Received: Not reported  
45 Report Received: Not reported  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: Not reported**  
NFR Date Recorded: Not reported

LUST TRUST:

**Facility Name: OLVIN SERVICE STATION**  
**Queue Date: 6/22/2009**  
**Incident Number: 20081204-56939**  
**Amount To Be Paid: 51115.23**  
**Running Total: 61552368.92**  
**Date Approved: 9/30/2009**  
**Pay Assignee: Not reported**

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>33</b> <b>NE</b> <b>1/4-1/2</b> <b>0.356 mi.</b> <b>1882 ft.</b>	<b>AUTOLANDIA</b> <b>2021 NORTH KEDZIE</b> <b>CHICAGO, IL 60647</b>	<b>LUST</b>	<b>S104529997</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Incident Num: 992069 IL EPA Id: 0316225182 Product: Uset Oil, Other Petro IEMA Date: 9/2/1999 Project Manager: Tucka Project Manager Phone: (217) 782-6762 Email: Not reported PRP Name: Autolandia PRP Contact: Louis Martinez PRP Address: 3353 West North Ave. PRP City,St,Zip: Chicago, IL 60647 PRP Phone: 7732520112 Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: Not reported 20 Report Received: 3/1/2000 45 Report Received: 3/24/2000 Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: Not reported</b> NFR Date Recorded: Not reported		
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<b>J34</b> <b>SW</b> <b>1/4-1/2</b> <b>0.362 mi.</b> <b>1913 ft.</b>	<b>MARTIN OIL</b> <b>3554 WEST NORTH AVE.</b> <b>CHICAGO, IL 60647</b>  <b>Site 1 of 2 in cluster J</b>	<b>LUST</b>	<b>S104526532</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>LUST:</b> Incident Num: 903190 IL EPA Id: 0316225026 Product: Gasoline IEMA Date: 10/30/1990 Project Manager: D. Hollis Project Manager Phone: Not reported Email: Not reported PRP Name: Martin Oil PRP Contact: Don Waterlander PRP Address: 4501 West 127th St. PRP City,St,Zip: Alsip, IL 60658 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731 Non LUST Determination Letter: Not reported 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported <b>NFA/NFR Letter: 12/28/1994</b> NFR Date Recorded: Not reported		
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MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**J35**  
**SW**  
**1/4-1/2**  
**0.362 mi.**  
**1913 ft.**

**SPEEDWAY SUPERAMERICA**  
**3554 WEST NORTH AVE.**  
**CHICAGO, IL 60647**

**LUST** **S104529965**  
**N/A**

**Site 2 of 2 in cluster J**

**Relative:**  
**Lower**

LUST:

Incident Num: 991969  
IL EPA Id: 0316225026  
Product: Other Petro  
IEMA Date: 8/20/1999  
Project Manager: Rominger  
Project Manager Phone: Not reported  
Email: Not reported  
PRP Name: Speedway SuperAmerica  
PRP Contact: Dan Strubel  
PRP Address: Post Office Box 1500  
PRP City,St,Zip: Springfield, OH 45501  
PRP Phone: 9378643000  
Site Classification: Not reported  
Section 57.5(g) Letter: 732  
Non LUST Determination Letter: 10/4/1999  
20 Report Received: Not reported  
45 Report Received: Not reported  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: Not reported**  
NFR Date Recorded: Not reported

**Actual:**  
**603 ft.**

Incident Num: 20000917  
IL EPA Id: 0316225026  
Product: Other Petro  
IEMA Date: 5/16/2000  
Project Manager: Heaton  
Project Manager Phone: (217) 524-3312  
Email: Mike.Heaton@illinois.gov  
PRP Name: Speedway SuperAmerica  
PRP Contact: Dan Strubel  
PRP Address: Post Office Box 1500  
PRP City,St,Zip: Springfield, OH 45501  
PRP Phone: 9378643000  
Site Classification: Not reported  
Section 57.5(g) Letter: 732  
Non LUST Determination Letter: 10/2/2000  
20 Report Received: Not reported  
45 Report Received: Not reported  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: Not reported**  
NFR Date Recorded: Not reported

**36**  
**SE**  
**1/4-1/2**  
**0.372 mi.**  
**1964 ft.**

**ILLINOIS DEPT. OF MILITARY AFFAIRS**  
**1551 NORTH KEDZIE AVE.**  
**CHICAGO, IL 60651**

**LUST** **S104523684**  
**N/A**

**Relative:**  
**Lower**

LUST:

Incident Num: 932229  
IL EPA Id: 0316255087  
Product: Gasoline  
IEMA Date: 8/19/1993

**Actual:**  
**600 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ILLINOIS DEPT. OF MILITARY AFFAIRS (Continued)**

**S104523684**

Project Manager: Harlow  
Project Manager Phone: (217) 524-7650  
Email: Robert.Harlow@illinois.gov  
PRP Name: Illinois Dept. of Military Affairs  
PRP Contact: Randy Scott  
PRP Address: 1301 North MacArthur Blvd.  
PRP City,St,Zip: Springfield, IL 62702-2399  
PRP Phone: Not reported  
Site Classification: Not reported  
Section 57.5(g) Letter: 732  
Non LUST Determination Letter: Not reported  
20 Report Received: 10/14/1993  
45 Report Received: 11/15/1993  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: 6/20/1997**  
NFR Date Recorded: 7/22/1997

**K37  
WNW  
1/4-1/2  
0.415 mi.  
2192 ft.**

**CRESCENT PLATING WORKS, INC.  
3650 WEST ARMITAGE AVENUE  
CHICAGO, IL 60647**

**SRP S109143346  
N/A**

**Site 1 of 4 in cluster K**

**Relative:  
Lower**

**SRP:**

**Actual:  
603 ft.**

IL EPA Id: 0316000063  
US EPA Id: ILD005097621  
Longitude: -87.71868  
Latitude: 41.91756  
Contact Name: Michael Sahli  
Contact Address: 6440 South Cass Avenue  
Contact Address2: Not reported  
Contact City,St,Zip: Westmont, IL 60559-  
Contact Phone: (630) 310-8668  
Date Enrolled: 5/2/2008  
Point Of Contact: Minghua Wan, P.E.  
Consultant Company: Hydrodynamics Consultants, Inc.  
Consultant Address: 5403 Patton Drive  
Consultant Address2: #215  
Consultant City,St,Zip: Lisle, IL 60532-  
Consultant Phone: (630) 724-0098  
Proj Mgr Assigned: Mehra  
Sec. 4 Letter Date: Not reported  
NFR Recorded: Not reported  
Active: False  
Total Acres: 0.3185  
No Further Remediation Letter Dt: 6/1/2009  
Remediation Applicant Co: Sahli Enterprises, Inc.  
Remediation Applicant Title: President  
Remediation Applicant Name: Mr. Michael Sahli  
Remediation Applicant Company: Sahli Enterprises, Inc.  
Remediation Applicant Address: 17W300 22nd Street  
Remediation Applicant Address 2: Suite 420  
Remediation Applicant City,St,Zip: Oakbrook Terrace, IL 60181-  
Illinois EPA: 0316000063  
Site Name: Crescent Plating Works  
NFR Letter: 6/23/2009  
NFR Letter Date Recorded: 8/5/2009  
Site Type: Residential

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRESCENT PLATING WORKS, INC. (Continued)**

**S109143346**

Comprehensive/Focused: Focused  
Institutional Controls: Groundwater use restriction  
Barrier: Concrete barrier  
Worker Caution: True  
Acres: 0.3185

IL EPA Id: 0316000063  
US EPA Id: ILD005097621  
Longitude: -87.71868  
Latitude: 41.91756  
Contact Name: Michael Sahli  
Contact Address: 6440 South Cass Avenue  
Contact Address2: Not reported  
Contact City,St,Zip: Westmont, IL 60559-  
Contact Phone: (630) 310-8668  
Date Enrolled: 5/2/2008  
Point Of Contact: Minghua Wan, P.E.  
Consultant Company: Hydrodynamics Consultants, Inc.  
Consultant Address: 5403 Patton Drive  
Consultant Address2: #215  
Consultant City,St,Zip: Lisle, IL 60532-  
Consultant Phone: (630) 724-0098  
Proj Mgr Assigned: Mehra  
Sec. 4 Letter Date: Not reported  
NFR Recorded: 8/5/2009  
Active: False  
Total Acres: 0.3185  
No Further Remediation Letter Dt: 6/23/2009  
Remediation Applicant Co: Sahli Enterprises, Inc.  
Remediation Applicant Title: President  
Remediation Applicant Name: Mr. Michael Sahli  
Remediation Applicant Company: Sahli Enterprises, Inc.  
Remediation Applicant Address: 17W300 22nd Street  
Remediation Applicant Address 2: Suite 420  
Remediation Applicant City,St,Zip: Oakbrook Terrace, IL 60181-  
Illinois EPA: 0316000063  
Site Name: Crescent Plating Works  
NFR Letter: 6/23/2009  
NFR Letter Date Recorded: 8/5/2009  
Site Type: Residential  
Comprehensive/Focused: Focused  
Institutional Controls: Groundwater use restriction  
Barrier: Concrete barrier  
Worker Caution: True  
Acres: 0.3185

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K38**  
**WNW**  
**1/4-1/2**  
**0.415 mi.**  
**2192 ft.**

**CRESCENT PLATING**  
**3650 WEST ARMITAGE**  
**CHICAGO, IL 60647**  
**Site 2 of 4 in cluster K**

**CERCLIS 1007211109**  
**ILN000509076**

**Relative:**  
**Lower**

CERCLIS:  
Site ID: 0509076  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

**Actual:**  
**603 ft.**

CERCLIS Site Contact Name(s):

Contact Name: Not reported  
Contact Tel: Not reported  
Contact Title: 52727

Contact Name: Not reported  
Contact Tel: Not reported  
Contact Title: 52701

Site Description: Plating shop in residential neighborhood which was over 500 drums, 100 vats , open tanks with cyanide, acid, plating sludge, oxidizers and unknown wastes.

CERCLIS Assessment History:

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 12/16/2003 0:00:00  
Priority Level: Not reported

Action: Notice Letters Issued  
Date Started: Not reported  
Date Completed: 2/17/2004 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 4/6/2004 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 4/6/2004 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 4/6/2004 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 4/6/2004 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 4/6/2004 0:00:00  
Priority Level: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CRESCENT PLATING (Continued)**

**1007211109**

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 4/6/2004 0:00:00  
Priority Level: Not reported

Action: REMOVAL  
Date Started: 12/15/2003 0:00:00  
Date Completed: 6/7/2004 0:00:00  
Priority Level: Cleaned up

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 3/9/2005 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 5/31/2005 0:00:00  
Priority Level: Not reported

Action: ISSUE REQ LTTRS (104e)  
Date Started: Not reported  
Date Completed: 5/31/2005 0:00:00  
Priority Level: Not reported

Action: Lodged By DOJ  
Date Started: Not reported  
Date Completed: 3/24/2006 0:00:00  
Priority Level: Not reported

Action: SECTION 107 LITIGATION  
Date Started: 5/20/2004 0:00:00  
Date Completed: 5/22/2006 0:00:00  
Priority Level: Not reported

Action: CONSENT DECREE  
Date Started: Not reported  
Date Completed: 5/22/2006 0:00:00  
Priority Level: Not reported

**K39**  
**WNW**  
**1/4-1/2**  
**0.415 mi.**  
**2192 ft.**

**CRESCENT PLATING WORKS**  
**3650 WEST ARMITAGE AVENUE**  
**CHICAGO, IL 60647**

**ENG CONTROLS** **S109685067**  
**N/A**

**Site 3 of 4 in cluster K**

**Relative:**  
**Lower**

**ENGINEERING CONTROLS:**

Illinois Epa Id: 0316000063  
NFR Letter: 6/23/2009  
Date NFR Recorded: 8/5/2009  
Type Of Site: Residential  
Comprehensive / Focused: Focused  
Remediation Applicant Title: Mr.  
Remediation Applicant Name: Michael Sahli  
RA Company: Sahli Enterprises, Inc.  
RA Address: 17W300 22nd Street  
RA Secondary Address: Suite 420

**Actual:**  
**603 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CRESCENT PLATING WORKS (Continued)**

**S109685067**

RA City,St,Zip: Oakbrook Terrace, IL 60181-  
 Institutional Controls: Groundwater use restriction  
 Engineered Barriers: Concrete barrier  
 Worker Caution: True  
 Acres: 0.3185

**K40  
 WNW  
 1/4-1/2  
 0.415 mi.  
 2192 ft.**

**CRESCENT PLATING WORKS  
 3650 WEST ARMITAGE AVENUE  
 CHICAGO, IL 60647**

**INST CONTROL**

**S109685094  
 N/A**

**Site 4 of 4 in cluster K**

**Relative:  
 Lower**

**IL INSTUTIONAL CONTROL:**

Illinois EPA Id: 0316000063  
 NFR Letter: 6/23/2009  
 Date NFR Recorded: 8/5/2009  
 Type Of Site: Residential  
 Comprehensive / Focused: Focused  
 Remediation Applicant Title: Mr.  
 Remediation Applicant Name: Michael Sahli  
 RA Company: Sahli Enterprises, Inc.  
 RA Address: 17W300 22nd Street  
 RA Secondary Address: Suite 420  
 RA City,St,Zip: Oakbrook Terrace, IL 60181-  
 Institutional Controls: Groundwater use restriction  
 Engineered Barriers: Concrete barrier  
 Worker Caution: True  
 Acres: 0.3185

**Actual:  
 603 ft.**

**41  
 NNE  
 1/4-1/2  
 0.458 mi.  
 2416 ft.**

**ACTION WRECKING INC.  
 2122-42 NORTH KEDZIE AVE.  
 CHICAGO, IL 60647**

**LUST**

**S104523760  
 N/A**

**Relative:  
 Lower**

**LUST:**

Incident Num: 931946  
 IL EPA Id: 0316225086  
 Product: Fuel Oil  
 IEMA Date: 7/21/1993  
 Project Manager: Rossi  
 Project Manager Phone: (217) 782-9285  
 Email: Jenny.Rossi@illinois.gov  
 PRP Name: Action Wrecking Inc.  
 PRP Contact: Tom Dowd  
 PRP Address: 1700 Wentworth  
 PRP City,St,Zip: Chicago Heights, IL 60411  
 PRP Phone: Not reported  
 Site Classification: Not reported  
 Section 57.5(g) Letter: 731  
 Non LUST Determination Letter: 1/27/2004  
 20 Report Received: Not reported  
 45 Report Received: Not reported  
 Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: Not reported**  
 NFR Date Recorded: Not reported

**Actual:  
 599 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

L42  
East  
1/4-1/2  
0.469 mi.  
2478 ft.

1800 NORTH HUMBOLDT BUILDING  
1800 NORTH HUMBOLDT BOULEVARD  
CHICAGO, IL 60647

SRP S104491588  
N/A

Site 1 of 2 in cluster L

Relative:  
Lower

SRP:

Actual:  
600 ft.

IL EPA Id: 0316225137  
US EPA Id: ILR000026245  
Longitude: -87.70278  
Latitude: 41.91402  
Contact Name: Langdon Neal  
Contact Address: 111 West Washington Street  
Contact Address2: Suite 1700  
Contact City,St,Zip: Chicago, IL 60647  
Contact Phone: (312) 641-7144  
Date Enrolled: 2/24/1997  
Point Of Contact: Frank P. Bleier, P.E.  
Consultant Company: Leyden Environmental, Inc.  
Consultant Address: 2711 South Wabash Avenue  
Consultant Address2: Not reported  
Consultant City,St,Zip: Chicago, IL 60616  
Consultant Phone: (312) 808-1476  
Proj Mgr Assigned: L-Cross  
Sec. 4 Letter Date: Not reported  
NFR Recorded: 8/5/1997  
Active: False  
Total Acres: 0.5  
No Further Remediation Letter Dt: 4/30/1997  
Remediation Applicant Co: The Children's Place Housing Corp.  
Remediation Applicant Title: Mr.  
Remediation Applicant Name: Mr. Langdon Neal  
Remediation Applicant Company: The Children's Place Housing Corporation  
Remediation Applicant Address: 111 West Washington Street  
Remediation Applicant Address 2: Suite 1700  
Remediation Applicant City,St,Zip: Chicago, IL 60602-  
Illinois EPA: 0316225137  
Site Name: 1800 North Humboldt Building  
NFR Letter: 4/30/1997  
NFR Letter Date Recorded: 8/5/1997  
Site Type: Residential  
Comprehensive/Focused: Focused  
Institutional Controls: Not reported  
Barrier: Not reported  
Worker Caution: False  
Acres: 0.5

L43  
East  
1/4-1/2  
0.469 mi.  
2478 ft.

1800 N HUMBOLDT BLDG  
1800 N HUMBOLDT  
CHICAGO, IL 60647

RCRA-SQG 1001116601  
LUST ILR000026245

Site 2 of 2 in cluster L

Relative:  
Lower

RCRA-SQG:

Actual:  
600 ft.

Date form received by agency: 08/28/1996  
Facility name: 1800 N HUMBOLDT BLDG  
Facility address: 1800 N HUMBOLDT  
CHICAGO, IL 60647  
EPA ID: ILR000026245

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1800 N HUMBOLDT BLDG (Continued)**

**1001116601**

Mailing address: 27 OSBORN  
KENNER, LA 70065  
Contact: RON LURIA  
Contact address: 27 OSBORN  
KENNER, LA 70065  
Contact country: US  
Contact telephone: (888) 245-1762  
Contact email: Not reported  
EPA Region: 05  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CAPITAL BANK & TRUST TR #1162  
Owner/operator address: 27 OSBORN  
KENNER, LA 70065  
Owner/operator country: Not reported  
Owner/operator telephone: (888) 245-1762  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1800 N HUMBOLDT BLDG (Continued)**

**1001116601**

LUST:

Incident Num: 961640  
IL EPA Id: 0316225137  
Product: Gasoline  
IEMA Date: 9/6/1996  
Project Manager: Davison  
Project Manager Phone: Not reported  
Email: Not reported  
PRP Name: 1800 North Humboldt Bldg.  
PRP Contact: Ron Luria  
PRP Address: 27 Osborn Ave.  
PRP City,St,Zip: Kenner, LA 70065  
PRP Phone: Not reported  
Site Classification: Not reported  
Section 57.5(g) Letter: 732  
Non LUST Determination Letter: Not reported  
20 Report Received: Not reported  
45 Report Received: Not reported  
Section 57.5(g) Letter: 5/8/1997  
**NFA/NFR Letter: 4/30/1997**  
NFR Date Recorded: 8/5/1997

**44**  
**West**  
**1/4-1/2**  
**0.475 mi.**  
**2507 ft.**

**MAGID GLOVE & SAFETY MFG.**  
**3737 WEST CORTLAND ST.**  
**CHICAGO, IL 60647**

**LUST S104528308**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**604 ft.**

Incident Num: 971980  
IL EPA Id: 0316225002  
Product: Other Petro  
IEMA Date: 10/16/1997  
Project Manager: Bloome  
Project Manager Phone: (217) 524-1288  
Email: Clayton.Bloome@illinois.gov  
PRP Name: Magid Glove & Safety Mfg.  
PRP Contact: Kendy Hess  
PRP Address: 3737 West Cortland St.  
PRP City,St,Zip: Chicago, IL 60647  
PRP Phone: 3127154837  
Site Classification: Not reported  
Section 57.5(g) Letter: 732  
Non LUST Determination Letter: Not reported  
20 Report Received: 1/16/1998  
45 Report Received: 6/17/1998  
Section 57.5(g) Letter: 11/24/1998  
**NFA/NFR Letter: Not reported**  
NFR Date Recorded: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**45**  
**WNW**  
**1/4-1/2**  
**0.496 mi.**  
**2617 ft.**

**MILWAUKEE LAND DEVELOPMENT TRUST**  
**3725 WEST ARMITAGE**  
**CHICAGO, IL 60647**

**LUST**    **S106402097**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
Incident Num: 20040721  
IL EPA Id: 0316225220  
Product: Gasoline  
IEMA Date: 5/20/2004  
Project Manager: Barrett  
Project Manager Phone: (217) 782-4869  
Email: John.D.Barrett@illinois.gov  
PRP Name: Not reported  
PRP Contact: Not reported  
PRP Address: Not reported  
PRP City,St,Zip: Not reported  
PRP Phone: Not reported  
Site Classification: Not reported  
Section 57.5(g) Letter: P.A.  
Non LUST Determination Letter: Not reported  
20 Report Received: Not reported  
45 Report Received: Not reported  
Section 57.5(g) Letter: Not reported  
**NFA/NFR Letter: Not reported**  
NFR Date Recorded: Not reported

**Actual:**  
**603 ft.**

**46**  
**WNW**  
**1/2-1**  
**0.624 mi.**  
**3293 ft.**

**PUBLIC BUILDING COMMISSION**  
**3839 WEST ARMITAGE AVENUE**  
**CHICAGO, IL**

**CAT**    **S101744631**  
**N/A**

**Relative:**  
**Lower**

**CAT:**  
Facility ID: 0316225147  
**Facility Type: SITE REMEDIATION PROGRAM**

**Actual:**  
**604 ft.**

**47**  
**West**  
**1/2-1**  
**0.652 mi.**  
**3440 ft.**

**USEM CHICAGO DC PLANT**  
**1750 N SPRINGFIELD AVE**  
**CHICAGO, IL 60647**

**RCRA-SQG**    **1000369576**  
**FINDS**    **ILD096778642**  
**CAT**  
**LUST**

**Relative:**  
**Equal**

**RCRA-SQG:**  
Date form received by agency: 01/05/1998  
Facility name: USEM CHICAGO DC PLANT  
Facility address: 1750 N SPRINGFIELD AVE  
CHICAGO, IL 60647  
EPA ID: ILD096778642  
Contact: NOEL KANDO  
Contact address: 1750 N SPRINGFIELD AVE  
CHICAGO, IL 60647  
Contact country: US  
Contact telephone: (773) 342-4400  
Contact email: Not reported  
EPA Region: 05  
Classification: Small Small Quantity Generator

**Actual:**  
**605 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USEM CHICAGO DC PLANT (Continued)**

**1000369576**

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED  
Owner/operator address: ADDRESS NOT REPORTED  
CITY NOT REPORTED, AK 99998  
Owner/operator country: Not reported  
Owner/operator telephone: (312) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: EMERSON ELECTRIC CORP  
Owner/operator address: 8000 FLORISSANT AVE BOX 4100  
ST LOUIS, MO 63136  
Owner/operator country: Not reported  
Owner/operator telephone: (314) 353-2000  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D000  
Waste name: Not Defined

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USEM CHICAGO DC PLANT (Continued)**

**1000369576**

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D005  
Waste name: BARIUM

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D009  
Waste name: MERCURY

Waste code: D018  
Waste name: BENZENE

Waste code: D035  
Waste name: METHYL ETHYL KETONE

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F027  
Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USEM CHICAGO DC PLANT (Continued)**

**1000369576**

INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT).

Violation Status: No violations found

**FINDS:**

Registry ID: 110010289375

**Environmental Interest/Information System**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**CAT:**

Facility ID: Not reported  
**Facility Type: SITE REMEDIATION PROGRAM**

**LUST:**

Incident Num: 960284  
IL EPA Id: 0316220007  
Product: Other Petro  
IEMA Date: 2/19/1996  
Project Manager: Weller  
Project Manager Phone: (217) 524-4647  
Email: Melinda.Weller@illinois.gov  
PRP Name: Emerson Electric, Electric Motors  
PRP Contact: Randy Wiseman  
PRP Address: 1750 North Springfield

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**USEM CHICAGO DC PLANT (Continued)**

**1000369576**

PRP City,St,Zip:	Chicago, IL 60647
PRP Phone:	Not reported
Site Classification:	Not reported
Section 57.5(g) Letter:	732
Non LUST Determination Letter:	Not reported
20 Report Received:	Not reported
45 Report Received:	Not reported
Section 57.5(g) Letter:	5/22/1996
<b>NFA/NFR Letter:</b>	<b>Not reported</b>
NFR Date Recorded:	Not reported

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHICAGO	2005707188	INTERSTATE 90/94 AT KIMBALL AV	I 90 & 94 AT KIMBALL AVE		HMIRS
CHICAGO	U004128175	BP AMOCO #5275	1768 W ARMITAGE AVE	60622	UST
CHICAGO	2008914875	4024 ASHLAND AVENUE	4024 ASHLAND AVE		ERNS
CHICAGO	2005601210	4024 ASHLAND AVENUE	4024 ASHLAND AVE		ERNS
CHICAGO	2007319183	2921 NORTH EAMON	2921 N EAMON		ERNS
CHICAGO	1011843940	NORTH WEST TOWER	1170 W ERIE ST	60622	RCRA-CESQG
CHICAGO	2006819483	FAYER AVENUE AND	FAYER AVE		ERNS
CHICAGO	2008881150	GRAND AVENUE	GRAND AVE		ERNS
CHICAGO	U003853332	NORTH TOWN VILLAGE	1401 N HATSTED ST	60622	UST
CHICAGO	2007310111	ILLINOIS AVE AND MCCLURG AVENUE	ILLINOIS AVE AND MCCLURG AVE		ERNS
CHICAGO	U004123153	WAREHOUSE/WIPECO, INC.	855 ILLINOIS ROUTE 50	60651	UST
CHICAGO	1010317438	METRA CICERO & GRAND PLATFORM	1833 ILLINOIS ROUTE 50	60639	RCRA-CESQG
CHICAGO	2005615981	4400 NORTH LAKE SHORE DR.	4400 N LAKE SHORE DR		ERNS
CHICAGO	1011264067	1520 W NORTH	1520 W NORTH AVE	60622	FINDS
CHICAGO	1011294861	4711 W NORTH	4711 W NORTH AVE	60639	FINDS
CHICAGO	1010344462	U-PULL-IT NORTH LLC	4555 W NORTH AVE	60639	FINDS
CHICAGO	2008883200	NORTH OF 45TH AVE.	N OF 45TH AVE		ERNS
CHICAGO	1003870323		PALMER BLVD	60647	CERC-NFRAP
CHICAGO	U003971807	MARATHON	2003 N PULASKI ARMITAGE	60639	UST
CHICAGO	S105428721	JENSEN METAL FURNITURE	22352257 W WABANSIA AVE	60647	LUST
CHICAGO	2008909153	WESTERN AVENUE	WESTERN AVE		ERNS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 11/01/2009	Source: EPA
Date Data Arrived at EDR: 11/13/2009	Telephone: N/A
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/14/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 11/01/2009	Source: EPA
Date Data Arrived at EDR: 11/13/2009	Telephone: N/A
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/14/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 11/01/2009	Source: EPA
Date Data Arrived at EDR: 11/13/2009	Telephone: N/A
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/14/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 12/28/2009
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 10/03/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2009	Telephone: 703-603-8704
Date Made Active in Reports: 09/29/2009	Last EDR Contact: 01/15/2010
Number of Days to Update: 81	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/24/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/15/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 800-424-9346
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal RCRA non-CORRACTS TSD facilities list***

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: 312-886-6186
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: 312-886-6186
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: 312-886-6186
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: 312-886-6186
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

## ***Federal institutional controls / engineering controls registries***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/17/2009	Telephone: 202-267-2180
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/15/2010
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Annually

## ***State- and tribal - equivalent NPL***

### CAT: Category List

Sites on this list are: Notice of Response Action, NPL, Pre/proposed NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup Started and/or Completed Sites.

Date of Government Version: 06/01/1997	Source: Illinois EPA
Date Data Arrived at EDR: 07/07/1997	Telephone: N/A
Date Made Active in Reports: 08/14/1997	Last EDR Contact: 02/26/2001
Number of Days to Update: 38	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## ***State- and tribal - equivalent CERCLIS***

### SHWS: State Oversight List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/16/2009	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 11/25/2009	Telephone: 217-524-4863
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 47	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **State and tribal landfill and/or solid waste disposal site lists**

**SWF/LF:** Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/01/2007	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2008	Telephone: 217-785-8604
Date Made Active in Reports: 04/30/2008	Last EDR Contact: 02/03/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Annually

**LF WMRC:** Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001	Source: Department of Natural Resources
Date Data Arrived at EDR: 10/06/2006	Telephone: 217-333-8940
Date Made Active in Reports: 11/06/2006	Last EDR Contact: 09/18/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: No Update Planned

**LF SPECIAL WASTE:** Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990	Source: Illinois EPA
Date Data Arrived at EDR: 06/17/2009	Telephone: 217-782-9288
Date Made Active in Reports: 07/15/2009	Last EDR Contact: 06/10/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

**IL NIPC:** Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988	Source: Northeastern Illinois Planning Commission
Date Data Arrived at EDR: 08/01/1994	Telephone: 312-454-0400
Date Made Active in Reports: 08/12/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **State and tribal leaking storage tank lists**

**LUST:** Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/11/2009	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 12/11/2009	Telephone: 217-782-6762
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 02/02/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST TRUST: Underground Storage Tank Fund Payment Priority List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 11/03/2009	Source: Illinois EPA
Date Data Arrived at EDR: 11/03/2009	Telephone: 217-782-6762
Date Made Active in Reports: 11/13/2009	Last EDR Contact: 02/02/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/10/2009	Source: EPA Region 10
Date Data Arrived at EDR: 11/12/2009	Telephone: 206-553-2857
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/2009  
Date Data Arrived at EDR: 11/25/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 21

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/07/2009  
Date Data Arrived at EDR: 12/09/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 7

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Semi-Annually

## **State and tribal registered storage tank lists**

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/03/2009  
Date Data Arrived at EDR: 11/03/2009  
Date Made Active in Reports: 11/19/2009  
Number of Days to Update: 16

Source: Illinois State Fire Marshal  
Telephone: 217-785-0969  
Last EDR Contact: 02/02/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/10/2009  
Date Data Arrived at EDR: 11/12/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 34

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 02/17/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008  
Date Data Arrived at EDR: 12/30/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 76

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/07/2009  
Date Data Arrived at EDR: 12/09/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 7

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/12/2009	Source: EPA Region 9
Date Data Arrived at EDR: 11/20/2009	Telephone: 415-972-3368
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6137
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-7591
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2009	Source: EPA Region 5
Date Data Arrived at EDR: 11/05/2009	Telephone: 312-886-6136
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009	Source: FEMA
Date Data Arrived at EDR: 10/29/2009	Telephone: 202-646-5797
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 01/18/2010
Number of Days to Update: 48	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

***State and tribal institutional control / engineering control registries***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 10/28/2009  
Date Made Active in Reports: 11/13/2009  
Number of Days to Update: 16

Source: Illinois Environmental Protection Agency  
Telephone: 217-782-6761  
Last EDR Contact: 01/28/2010  
Next Scheduled EDR Contact: 05/10/2010  
Data Release Frequency: Quarterly

## Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 10/28/2009  
Date Made Active in Reports: 11/13/2009  
Number of Days to Update: 16

Source: Illinois Environmental Protection Agency  
Telephone: 217-782-6761  
Last EDR Contact: 01/28/2010  
Next Scheduled EDR Contact: 05/10/2010  
Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 10/28/2009  
Date Made Active in Reports: 11/13/2009  
Number of Days to Update: 16

Source: Illinois Environmental Protection Agency  
Telephone: 217-785-9407  
Last EDR Contact: 01/28/2010  
Next Scheduled EDR Contact: 05/10/2010  
Data Release Frequency: Semi-Annually

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 01/05/2010  
Next Scheduled EDR Contact: 04/19/2010  
Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## ***State and tribal Brownfields sites***

### BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 12/01/2009  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 01/11/2010  
Number of Days to Update: 41

Source: Illinois Environmental Protection Agency  
Telephone: 217-785-3486  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 11/03/2009  
Date Data Arrived at EDR: 11/03/2009  
Date Made Active in Reports: 11/13/2009  
Number of Days to Update: 10

Source: Illinois Environmental Protection Agency  
Telephone: 217-524-1658  
Last EDR Contact: 02/02/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 11/04/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 01/07/2010  
Next Scheduled EDR Contact: 04/12/2010  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-972-3336  
Last EDR Contact: 01/07/2010  
Next Scheduled EDR Contact: 03/22/2010  
Data Release Frequency: Varies

#### LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/1990  
Date Data Arrived at EDR: 06/17/2009  
Date Made Active in Reports: 07/15/2009  
Number of Days to Update: 28

Source: Illinois EPA  
Telephone: 217-782-9288  
Last EDR Contact: 06/10/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 11/09/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/01/2009  
Date Data Arrived at EDR: 06/22/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 91

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 12/14/2009  
Next Scheduled EDR Contact: 03/22/2010  
Data Release Frequency: Quarterly

### CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 01/20/2010  
Date Data Arrived at EDR: 01/21/2010  
Date Made Active in Reports: 01/26/2010  
Number of Days to Update: 5

Source: Department of Public Health  
Telephone: 217-782-5750  
Last EDR Contact: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Varies

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

## Local Land Records

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/03/2009  
Date Data Arrived at EDR: 11/05/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Varies

## LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 11/20/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Varies

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/05/2009  
Date Data Arrived at EDR: 10/05/2009  
Date Made Active in Reports: 11/09/2009  
Number of Days to Update: 35

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 01/06/2010  
Next Scheduled EDR Contact: 04/12/2010  
Data Release Frequency: Annually

### SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 10/19/2009  
Date Data Arrived at EDR: 10/27/2009  
Date Made Active in Reports: 11/13/2009  
Number of Days to Update: 17

Source: Illinois EPA  
Telephone: 217-558-1677  
Last EDR Contact: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Varies

## **Other Ascertainable Records**

### RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/11/2009  
Date Data Arrived at EDR: 12/17/2009  
Date Made Active in Reports: 01/11/2010  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 01/15/2010  
Next Scheduled EDR Contact: 04/19/2010  
Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/13/2009  
Date Data Arrived at EDR: 11/10/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 36

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/10/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 12/18/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/03/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/27/2009	Telephone: Varies
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 12/15/2009	Telephone: 703-416-0223
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 12/15/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 12/23/2009
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Varies

## MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/17/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/08/2009	Telephone: 303-231-5959
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 12/08/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 04/09/2009	Telephone: 202-566-0250
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 01/13/2010
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/20/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Every 4 Years

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 05/19/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 125

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/10/2009  
Date Data Arrived at EDR: 11/18/2009  
Date Made Active in Reports: 01/19/2010  
Number of Days to Update: 62

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 12/23/2009  
Next Scheduled EDR Contact: 04/12/2010  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009  
Date Data Arrived at EDR: 10/21/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 41

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/22/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Annually

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 09/25/2009  
Date Data Arrived at EDR: 10/23/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 54

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 12/14/2009  
Next Scheduled EDR Contact: 03/29/2010  
Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/15/2009  
Date Data Arrived at EDR: 10/16/2009  
Date Made Active in Reports: 12/01/2009  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/13/2010  
Next Scheduled EDR Contact: 04/26/2010  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (312) 353-2000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 11/20/2009
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/05/2010
	Data Release Frequency: Biennially

## NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 01/15/2010	Source: Illinois EPA
Date Data Arrived at EDR: 01/15/2010	Telephone: 217-782-0610
Date Made Active in Reports: 01/26/2010	Last EDR Contact: 01/11/2010
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Varies

## UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 12/10/2009	Source: Illinois EPA
Date Data Arrived at EDR: 12/16/2009	Telephone: 217-782-9878
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 11/30/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Varies

## DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2009  
Date Data Arrived at EDR: 12/02/2009  
Date Made Active in Reports: 01/11/2010  
Number of Days to Update: 40

Source: Drycleaner Environmental Response Trust Fund of Illinois  
Telephone: 800-765-4041  
Last EDR Contact: 12/01/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Varies

## IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980  
Date Data Arrived at EDR: 03/08/2002  
Date Made Active in Reports: 06/03/2002  
Number of Days to Update: 87

Source: Illinois Waste Management & Research Center  
Telephone: 217-333-8940  
Last EDR Contact: 02/20/2002  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## AIRS: AIRS

A listing of air permits and emissions information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 02/12/2009  
Date Made Active in Reports: 02/27/2009  
Number of Days to Update: 15

Source: Illinois EPA  
Telephone: 217-557-0314  
Last EDR Contact: 01/11/2010  
Next Scheduled EDR Contact: 04/26/2010  
Data Release Frequency: Varies

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/19/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 11/16/2009  
Date Data Arrived at EDR: 11/16/2009  
Date Made Active in Reports: 01/19/2010  
Number of Days to Update: 64

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 01/25/2010  
Next Scheduled EDR Contact: 05/10/2010  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/19/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/27/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 09/21/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/25/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/15/2009
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

#### Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007  
Date Data Arrived at EDR: 08/26/2009  
Date Made Active in Reports: 09/11/2009  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/24/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 01/20/2010  
Date Made Active in Reports: 02/05/2010  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/20/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/27/2009  
Date Data Arrived at EDR: 11/10/2009  
Date Made Active in Reports: 12/09/2009  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/10/2009  
Next Scheduled EDR Contact: 02/22/2010  
Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 12/14/2009  
Number of Days to Update: 13

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 11/23/2009  
Next Scheduled EDR Contact: 03/08/2010  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009  
Date Data Arrived at EDR: 06/12/2009  
Date Made Active in Reports: 06/29/2009  
Number of Days to Update: 17

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/30/2009  
Next Scheduled EDR Contact: 03/15/2010  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 07/17/2009  
Date Made Active in Reports: 08/10/2009  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/21/2009  
Next Scheduled EDR Contact: 04/05/2010  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services  
Telephone: 312-814-4150

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

1807-1815 NORTH KIMBALL AVENUE  
1807-1815 NORTH KIMBALL AVENUE  
CHICAGO, IL 60647

### TARGET PROPERTY COORDINATES

Latitude (North):	41.91410 - 41° 54' 50.8"
Longitude (West):	87.7114 - 87° 42' 41.1"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	441002.6
UTM Y (Meters):	4640270.0
Elevation:	605 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	41087-H6 CHICAGO LOOP, IL
Most Recent Revision:	1997

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

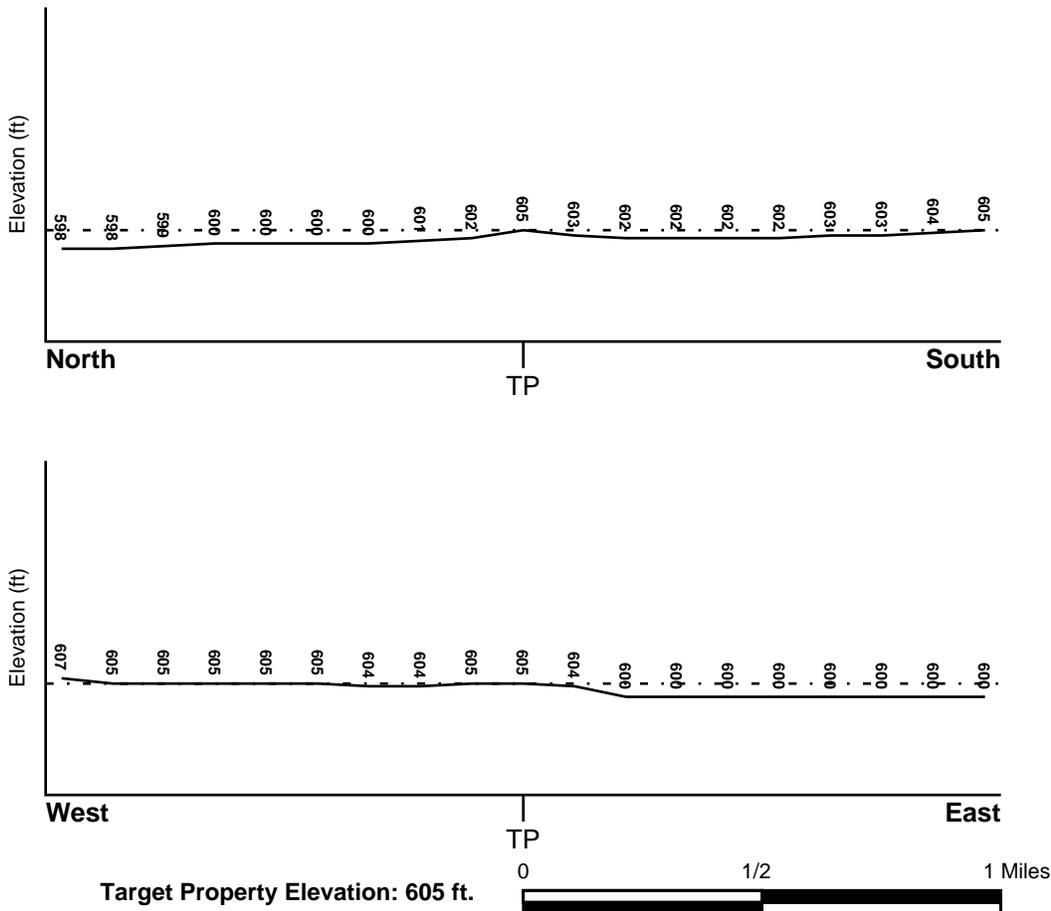
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

Target Property County  
COOK, IL

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 17031C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
CHICAGO LOOP

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius: 1.25 miles  
Status: Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Paleozoic  
System: Silurian  
Series: Middle Silurian (Niagoaran)  
Code: S2 *(decoded above as Era, System & Series)*

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

## OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
fine sandy loam  
loam  
fine sand

Surficial Soil Types: silt loam  
fine sandy loam  
loam  
fine sand

Shallow Soil Types: sandy loam

Deeper Soil Types: silt loam  
sand  
loamy sand  
loam

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
_____	_____	_____

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

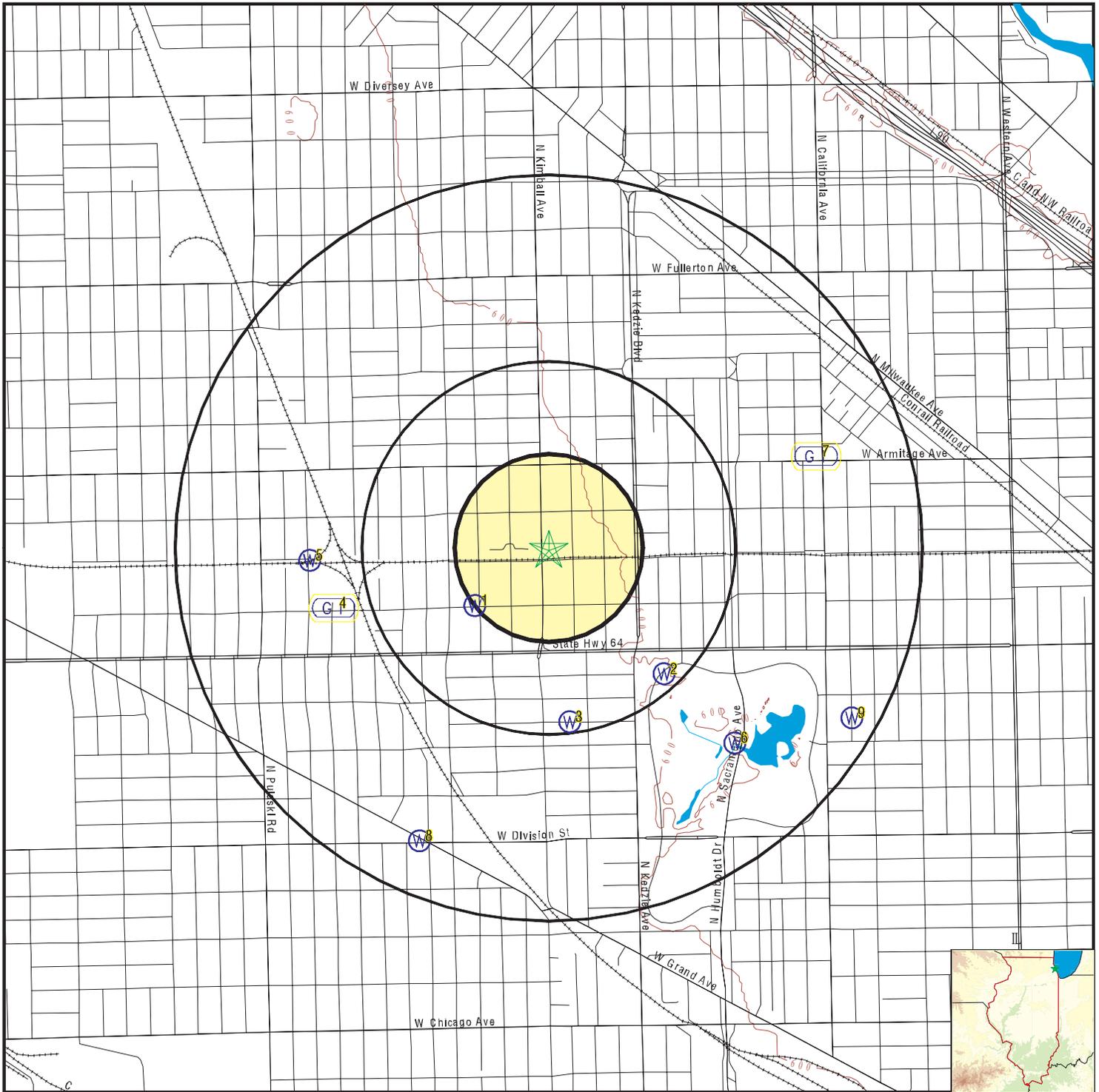
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	IL10193357	1/4 - 1/2 Mile SW
2	IL10193127	1/4 - 1/2 Mile SE
3	IL10192928	1/4 - 1/2 Mile South
5	IL10193501	1/2 - 1 Mile West
6	IL10192840	1/2 - 1 Mile SE
8	P6907	1/2 - 1 Mile SSW
9	IL10192937	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 2693463.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: 1807-1815 North Kimball Avenue  
 ADDRESS: 1807-1815 North Kimball Avenue  
 Chicago IL 60647  
 LAT/LONG: 41.9141 / 87.7114

CLIENT: Clean World Engineering, Ltd.  
 CONTACT: Thomas Blaszk  
 INQUIRY #: 2693463.2s  
 DATE: February 05, 2010 4:52 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

**IL WELLS      IL10193357**

Source:	IL Water Wells Records		
Objectid:	126378		
Api:	120310335400	Status:	Engineering Test
Longitude:	-87.715144		
Latitude:	41.911815		
Section :	35		
Twp:	40		
Tdir:	N		
Rng:	13		
Rdir:	E	Farm name:	Wabansia Ave. Shaft-NW Lnd & Lk Tun
Farm num:	Not Reported	Company na:	Chicago Pub. Works Dept.
Elevation:	602		
Elevref:	Ground level		
Total dept:	100		
Wformation:	Not Reported		
Wfmfrom:	0		
Wfmto:	0		
Pumpgpm:	0		
Shapex:	-87.71523633		
Shapey:	41.91186309		
Site id:	IL10193357		

**2**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**IL WELLS      IL10193127**

Source:	IL Water Wells Records		
Objectid:	216305		
Api:	120310283200	Status:	Engineering Test
Longitude:	-87.705317		
Latitude:	41.909165		
Section :	1		
Twp:	39		
Tdir:	N		
Rng:	13		
Rdir:	E	Farm name:	Kedzie Avenue Shaft-NW Lnd & Lk Tun
Farm num:	Not Reported	Company na:	Chicago Pub. Works Dept.
Elevation:	600		
Elevref:	Ground level		
Total dept:	93		
Wformation:	Not Reported		
Wfmfrom:	0		
Wfmto:	0		
Pumpgpm:	0		
Shapex:	-87.7054079		
Shapey:	41.90921318		
Site id:	IL10193127		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**3**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**IL WELLS      IL10192928**

Source:	IL Water Wells Records		
Objectid:	110613		
Api:	120312671600	Status:	Engineering Test
Longitude:	-87.710211		
Latitude:	41.907299		
Section :	2		
Twp:	39		
Tdir:	N		
Rng:	13		
Rdir:	E	Farm name:	Lowell School
Farm num:	B-5	Company na:	Not Reported
Elevation:	601		
Elevref:	Ground level		
Total dept:	26		
Wformation:	Not Reported		
Wfmfrom:	0		
Wfnto:	0		
Pumpgpm:	0		
Shapex:	-87.71030302		
Shapey:	41.90734716		
Site id:	IL10192928		

**4**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

Site ID:	S100530256	<b>AQUIFLOW</b>	<b>62714</b>
Groundwater Flow:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Shallow Water Depth:	Not Reported		
Current Deep Depth:	8.17		
Current Average Depth:	Not Reported		
Current Shallow Depth:	4.50		
Date:	08/10/1995		

**5**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**IL WELLS      IL10193501**

Source:	IL Water Wells Records		
Objectid:	227509		
Api:	120310335300	Status:	Engineering Test
Longitude:	-87.723718		
Latitude:	41.913570		
Section :	35		
Twp:	40		
Tdir:	N		
Rng:	13		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rdir:	E	Farm name:	Springfield Ave. Shaft-NW Lnd & Lk
Farm num:	Not Reported	Company na:	Chicago Pub. Works Dept.
Elevation:	604		
Elevref:	Ground level		
Total dept:	99		
Wformation:	Not Reported		
Wfmfrom:	0		
Wfmto:	0		
Pumpgpm:	0		
Shapex:	-87.72381068		
Shapey:	41.91361803		
Site id:	IL10193501		

**6  
SE  
1/2 - 1 Mile  
Lower**

**IL WELLS      IL10192840**

Source:	IL Water Wells Records		
Objectid:	75201		
Api:	120310283600	Status:	Engineering Test
Longitude:	-87.70164		
Latitude:	41.906475		
Section :	1		
Twp:	39		
Tdir:	N		
Rng:	13		
Rdir:	E	Farm name:	Northwest Land & Lake Tunnels
Farm num:	8	Company na:	Chicago Pub. Works Dept.
Elevation:	600		
Elevref:	Ground level		
Total dept:	68		
Wformation:	Not Reported		
Wfmfrom:	0		
Wfmto:	0		
Pumpgpm:	0		
Shapex:	-87.7017297		
Shapey:	41.90652422		
Site id:	IL10192840		

**7  
ENE  
1/2 - 1 Mile  
Lower**

**AQUIFLOW      62402**

Site ID:	S100530719
Groundwater Flow:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Shallow Water Depth:	Not Reported
Current Deep Depth:	10
Current Average Depth:	Not Reported
Current Shallow Depth:	6
Date:	05/19/1997

**8  
SSW  
1/2 - 1 Mile  
Higher**

**IL WELLS      P6907**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	236476	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	AMOCO OIL CO. WELL MW-1		
Permit:	Not Reported	Date Drilled:	01/25/1993
Depth (in feet):	15	Aquifer Type:	Unconsolidated
County Code:	031	County:	COOK
Township:	39N	Range:	13E
Section:	02	Plot Location:	Not Reported
Well Use:	Monitoring	Well Type:	--
Record Type:	Construction Report,Geology		
Driller:	ECC		

**9**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS      IL10192937**

Source:	IL Water Wells Records		
Objectid:	130949		
Api:	120310283500	Status:	Engineering Test
Longitude:	-87.695559		
Latitude:	41.907452		
Section :	1		
Twp:	39		
Tdir:	N		
Rng:	13		
Rdir:	E	Farm name:	Northwest Land & Lake Tunnels
Farm num:	7	Company na:	Chicago Pub. Works Dept.
Elevation:	596		
Elevref:	Ground level		
Total dept:	74		
Wformation:	Not Reported		
Wfmfrom:	0		
Wfmto:	0		
Pumpgprm:	0		
Shapex:	-87.6956485		
Shapey:	41.90750025		
Site id:	IL10192937		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: IL Radon

### Radon Test Results

Floor	# Sites	Min pCi/L	Avg pCi/L	Max pCi/L	# Sites>4pCi/L	# Sites>20	County
1st Floor bedroom	6	1	2.1	3	0	0	COOK
Total	261	0.5	2.8	11.6	44	0	COOK
Basement	212	0.6	2.9	11.6	40	0	COOK
1st Floor living area	43	0.5	2.3	5.8	4	0	COOK

Federal EPA Radon Zone for COOK County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for COOK COUNTY, IL

Number of sites tested: 82

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.273 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.900 pCi/L	100%	0%	0%
Basement	1.740 pCi/L	93%	7%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Records

Source: Illinois Geological Survey

Telephone: 217-333-4747

#### Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

#### Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958

County Radon Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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**APPENDIX G**  
**INTERVIEW DOCUMENTATION**



**CLEAN WORLD ENGINEERING, LTD.**

1737 S. Naperville Road, Suite 200, Wheaton, IL 60189  
(Phone) 630/260-0200 \* (Fax) 630/260-0797 (Website) www.clean-world.com

*User Questionnaire*

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* should provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

- 1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

If you marked yes, please elaborate \_\_\_\_\_

- 2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Are you aware of any activity and land use limitations (AULs), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

If you marked yes, please elaborate \_\_\_\_\_

- 3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the *user* of this ESA, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or any *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

If you marked yes, please elaborate Mr. Cheung that thought perhaps the adjoining Compro Plant operations extended onto the "Site." None of the historical mapping pertains to specific operations on the "Site"

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.30). Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

Yes \_\_\_\_\_ No \_\_\_\_\_ Unknown X

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes \_\_\_\_\_ No \_\_\_\_\_ Unknown X

If you marked yes, please elaborate Mr. Chueng stated he wasn't sure if utility lines extend onto the "Site"

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30). Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

a. Do you know the past uses of the *property*?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

b. Do you know of specific chemicals that are present or once were present at the *property*?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

c. Do you know of spills or other chemical releases that have taken place at the *property*?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

d. Do you know of any environmental cleanups that have taken place at the *property*?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

If you marked yes to any of the above questions, please elaborate \_\_\_\_\_

NA

6. The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

If you marked yes, please elaborate \_\_\_\_\_

NA

This questionnaire was answered by: Telephone interviews

Firm: City of Chicago Department of Zoning and Land Use Planning

Signature: \_\_\_\_\_

Printed Name: Mr. Nelson Chueng

Title: Coordinating Planner (312) 744-5756

Dates: 2/11/10 - and - 2/23/10



## CLEAN WORLD ENGINEERING, LTD.

1737 S. Naperville Road, Suite 200, Wheaton, IL 60189  
(Phone) 630/260-0200 \* (Fax) 630/260-0797 (Website) www.clean-world.com

### Property Owner and/or Key Site Manager Questionnaire

This questionnaire has been developed in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05. The purpose of this questionnaire is to create a foundation and preliminary history of the subject property and to obtain information regarding recognized environmental conditions in connection with the subject property.

Please answer the following questions to the best of your knowledge with a yes, no, or unknown response and elaborate, whenever possible, in the space provided below. A copy of the completed questionnaire will be included as an appendix to the Phase I Environmental Site Assessment (ESA) performed for the subject site.

1. Has the subject property or adjoining properties been used for industrial purposes?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

2. To the best of your knowledge, have the subject property or any adjoining properties been used as a gasoline service station, commercial printing facility, dry cleaners, photograph developing lab, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility in the past or present?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

3. Are there currently or, to the best of your knowledge, have there been previously facility operations involving the treatment, storage, disposal, generation or handling of petroleum / hazardous substances at the subject property or adjoining properties?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

4. Are there or have there ever been any underground storage tanks (USTs) on the subject property or at the facility?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

5. Are there or have there ever been any aboveground storage tanks (ASTs) located on the subject property or at the facility?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

6. Are there or have there ever been any underground storage containers associated with hydraulic equipment located on the subject property or at the facility?

Yes \_\_\_\_\_ No \_\_\_\_\_ Unknown

7. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs, and if so, where are they located?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

8. Have there ever been any asbestos-containing building materials previously identified in the subject building?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

9. Are there or, to the best of your knowledge, have there been any facility operations that require monitoring by a state or federal environmentally-related agency or program?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

10. Are there or, to the best of your knowledge, have there been any substances used on site for which Material Safety Data Sheets (MSDS) are required to be maintained?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

11. Are there currently or, to the best of your knowledge, have there ever been any wastes generated on site that require disposal as special or hazardous waste?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

12. Is the subject property serviced by a private on-site well?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

13. Are there currently or have there been any pits, ponds or lagoons, whether natural, septic or industrial related, located on the subject property or at the facility?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

14. Does the facility discharge process-related wastewater on or adjacent to the subject property?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

15. If the facility is discharging into the municipal sewer system, has contact been made with the pre-treatment coordinator regarding the effluent?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

16. Has fill dirt been brought onto the subject property?

Yes \_\_\_\_\_ No  Unknown \_\_\_\_\_

17. Have there ever been any materials identified or unidentified disposed of, burned or buried on the subject property?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

18. Have there ever been any environmental assessments, feasibility studies or any other environmentally-related activities previously performed on the subject property?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

19. Have there ever been any pending, threatened or past lawsuits, administrative proceedings and/or government notices regarding a release or threatened release, improper storage or handling practices on the subject property?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

20. Have there ever been any environmental liens recorded against the subject property?

Yes \_\_\_\_\_ No \_\_\_\_\_ Unknown X

21. Have there ever been any known or suspected petroleum or hazardous substance spills or releases at the subject property?

Yes \_\_\_\_\_ No X Unknown \_\_\_\_\_

This questionnaire was answered by: Telephone Interviews

Firm: City of Chicago Department of Zoning and Land Use Planning

Signature: \_\_\_\_\_

Printed Name: Mr. Nelson Chueng

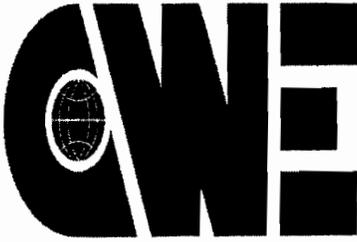
Title: Coordinating Planner

Date(s): 2/11/10 - and - 2/23/10

(\*) It should be noted that Mr. Chueng acknowledged that the Site was likely used by the former adjoining Compco Corp. for possible operations and/or storage of materials

**APPENDIX H**

**FOIA REQUESTS / RESPONSES**



# Clean World Engineering, Ltd.

1737 S. Naperville Road, Suite 200, Wheaton, IL 60187

Phone (630) 260-0200 Fax (630) 260-0797

## facsimile transmittal

Date: 3-30-10

To: LARRY MERRITT  
Company: CITY OF CHICAGO - DDE  
Phone #: 312-744-6451  
Fax #: \_\_\_\_\_

From: Michael Poulos  
Title: Project Manager  
Phone #: 630/260-0200 ext. \_\_\_\_\_  
Fax #: 630/260-0797

cc: \_\_\_\_\_

Pages (including cover): 2

### NOTE:

*See attached FOIA request.*

*Thank You,  
Michael P. Poulos*

3/30/10

Date Received:-

CITY OF CHICAGO  
Department of Environment  
30 N. LaSalle 25th Floor  
Chicago, Illinois 60602

FREEDOM OF INFORMATION REQUEST

Michael Poulos

Requester's Name  
1737 S. Naperville Road Suite 200 Wheaton IL 60189  
Address  
Clean World Engineering Ltd. City State Zip Code 630-260-0797  
Company or Organization Phone # 630-260-0200 Fax # ←

Records Sought (Be Specific):

- (1) Address 1807 to 1815 N. Kimball Avenue 60647 P.I.N. 15-35-409-037/039/042 Address
- (2) 1802-1814 N. Spaulding Avenue 60647 Address

Michael Poulos

Signature of Requester

Note: Copying fees must be paid by check or money order ONLY to: City of Chicago Department of Environment. The agency will respond to a request for public records within seven working days. Appeals should be addressed to: JENNIFER HOYLE, Coordinator, Freedom of Information, City of Chicago Department of Law, 121 N. LaSalle Street, Room 600 Chicago, Illinois, 60602.

=====**For Office Use Only**=====

Name and title of person receiving request:

Records made available: \_\_\_\_\_ Yes \_\_\_\_\_ No

Copies made: \_\_\_\_\_ Yes \_\_\_\_\_ No How many? \_\_\_\_\_

Fee: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

# FOIA Fax Cover Sheet:



**Name:** Michael Poulos  
**Fax:** 630-260-0797  
**From:** Larry Merritt  
**Date:** March 31, 2010  
**Pages:** 8

**Comments:** **Note:** *Effective immediately do not send a check or money order with your freedom of information request. You will be contacted regarding any reproduction cost.*

## **FOIA request re:**

### Addresses with information:

1. 1807-1815 N. Kimball
2. 1802-1814 N. Spaulding

### Addresses without information:

The Department of Environment can not search any addresses out side City Limits.



City of Chicago  
Richard M. Daley, Mayor  
Department of Environment  
Suzanne Malec-McKenna  
Commissioner

2nd Floor  
30 North LaSalle Street  
Chicago, Illinois 60602-2575  
(312) 744-7606 (Voice)  
(312) 744-6451 (FAX)  
(312) 744-3586 (TTY)  
<http://www.cityofchicago.org>

TO: Michael Poulos

You recently requested the City of Chicago's Department of Environment (CDOE) to search its files for information on the following:

1807-1815 N. Kimball, 1802-1814 N. Spaulding

At this time, and to the best of our knowledge, all information currently contained in CDOE's files regarding this address is enclosed. (CDOE was created on January 1, 1992. CDOE's Enforcement and Compliance Division formerly operated in the Department of Consumer Services; CDOE has inherited these files.)

In general, CDOE files include complaint/inspection/permit information in six areas:

- General Environmental (emissions, smoke, noise, etc.)
- Asbestos
- Hazardous Materials
- Underground Storage Tanks (USTs)
- Operational Compliance (permits for air-emission sources)
- Solid or Liquid Waste (recycling and handling permits)

If there is information in CDOE's files, it generally means that there has been a complaint resulting in a CDOE inspection, or that an annual permit is required from CDOE. If there is nothing in CDOE's files, it generally means CDOE has not received a complaint that resulted in an inspection, or that there is not a permit-requiring emission source. However, there may be problems CDOE has not been alerted to.

CDOE's information is from just one City of Chicago department. Other City departments (Buildings; Health; Water; Sewers; Streets and Sanitation; Zoning) and non-City agencies (Cook County; Illinois Environmental Protection Agency/IEPA; U.S. Environmental Protection Agency/USEPA) also may have separate information. None has information from the others; contact each separately.

Mail written request(s) and check(s) to CHICAGO DEPARTMENT OF ENVIRONMENT, or file request(s) by e-mail or in person:

Freedom of Information Officer - Larry Merritt  
City of Chicago Department of Environment  
30 N. LaSalle Street 2<sup>nd</sup> Floor  
Chicago, Illinois 60602  
312/744-7606 (FAX 312/744-6451)

Addresses must be specific. CDOE cannot search for "anything in a five-block radius of the intersection of such and such." Use a separate request form for each individual address being requested (e.g., 600,610,620,630, etc; not "the even side of the street for a block" or "the northwest corner of the intersection of such and such"). Indicate if, to your knowledge, there is an active complaint written by any City of Chicago agency currently pending regarding each address; or if there is any kind of litigation pending regarding the address, whether or not it involves the City of Chicago or not. Include your FAX number; if there is nothing in the CDOE files, it is easier to FAX an answer.





**THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT  
PERMITS ISSUED FOR UNDERGROUND STORAGE TANK WORK  
PRIOR TO 1/1/1993**

**ADDRESS: 1800 N SPAULDING    LAST KNOWN SITE NAME: BESTMAN ELECTRIC COMPANY**

DATE ISSUED	BUILDING PERMIT	COMMENTS	WORK BY
7/2/1952	429467	INSTALL 1-25K & 1-23K GAL FUEL OIL TANK    FINAL 11/12/52	MOSBECK OIL EQUIPMENT

**FREEDOM OF INFORMATION REPORT  
 Department of Environment  
 Demo/Renovation/NESHAP Notification**

1800 N Spaulding SITE NAME: ZIP: 60647 WARD: 26  
 DEMO TYPE: (NC) NESHAP Demo\Renovation  
 RECIEVED: 9/5/2001 BEGIN: 9/19/2001 ESTIMATED COMPLETION: 9/20/2001 ACTUAL COMPLETION: 9/25/2001  
 BUILDING LENGTH: 0 BUILDING WIDTH: 0 BUILDING HEIGHT: 0  
 RACM PIPE (LF): 500 RACM SURFACE AREA (SF): 0 RACM VOLUME (CF): 0

<b>OWNER: GM Demolition</b> 122 S Wolcott Thornton , Ill 60476
---

<b>CONTRACTOR: (AC06) ACES Maintenance</b> 30 W. 218 Butterfield
---

**SITE COMMENTS:**

INSPECTION	INSPECTOR	INSPECTION COMMENT
09/25/01	70	Demo completed.
10/22/02	101	Demolition completed. 100% grade level.

**FREEDOM OF INFORMATION REPORT  
 Department of Environment  
 Demo/Renovation/NESHAP Notification**

1800-14 N Spaulding    SITE NAME:            ZIP: 60647    WARD: 26  
 DEMO TYPE: (DM) Demo Notice of Intent  
 RECIEVED: 5/24/1996    BEGIN: 6/11/1996    ESTIMATED COMPLETION:    ACTUAL COMPLETION: 3/5/1997  
 BUILDING LENGTH:    100                    BUILDING WIDTH:    135                    BUILDING HEIGHT:    30  
 RACM PIPE (LF):                    RACM SURFACE AREA (SF):                    RACM VOLUME (CF):    0

**OWNER:** City of Chicago

**CONTRACTOR:** (GM01) G M Wrecking  
 100 South Wolcott  
 Thornton, IL 60476

**SITE COMMENTS:** over six months old.

INSPECTION	INSPECTOR	INSPECTION COMMENT
03/05/1997	43	

**FREEDOM OF INFORMATION REPORT**  
**Department of Environment**  
**Demo/Renovation/NESHAP Notification**

1807-11 N Kimball SITE NAME: ZIP: 60647 WARD: 26  
 DEMO TYPE: (DM) Demo Notice of Intent  
 RECIEVED: 6/18/2001 BEGIN: 7/2/2001 ESTIMATED COMPLETION: 7/28/2001 ACTUAL COMPLETION:  
 BUILDING LENGTH: 100 BUILDING WIDTH: 75 BUILDING HEIGHT: 30  
 RACM PIPE (LF): 0 RACM SURFACE AREA (SF): 0 RACM VOLUME (CF): 0

OWNER: City of Chicago 121 N LaSalle Chicago, IL 60651
---

CONTRACTOR: (DE03) Delta Demolition Inc. 1230 N. Kostner Avenue Chicago, IL 60651
---

SITE COMMENTS:

INSPECTION	INSPECTOR	INSPECTION COMMENT
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**DEPARTMENT OF ENVIRONMENT  
COMPLAINTS / INSPECTION / ENFORCEMENT  
FREEDOM OF INFORMATION REPORT**

1807 N Kimball      Ward: 26      Zipcode: 60647      Police: 14      LPC:

**COMPLAINTS  
INSPECTIONS**

Inspection: 6/26/2001      Time: PM 03:47      Type: A9 - Demo/NESHAPS  
By: 75 , Cease (#112 - 10/03)      Name of Site: Demo Site  
Comments: Demo no activity.

**ENFORCEMENT**

1807 N Kimball                      COMPLIANTS:0      INSPECTIONS:1      ENFORCEMENT:0



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397  
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

DOUGLAS P. SCOTT, DIRECTOR

February 26, 2010

Phone: 217/782-9878  
Fax: 217/782-9290  
www.epa.state.il.us/foia

Clean World Engineering Ltd  
Attn: Mr. Thomas Blaszak  
1737 S Naperville Rd, Suite 200  
Wheaton, IL 60189 -

Re: Freedom of Information Act Request

Dear Mr. Blaszak:

This letter is in response to your Freedom of Information Act (FOIA) (5 IL .CS 140/1 et.seq.) request dated February 24, 2010 and received by the FOIA sector, Bureau of Land (BOL), at the Illinois Environmental Protection Agency (Illinois EPA) on February 24, 2010.

Following a search, the Illinois EPA determined there was no information in the Bureau of Land's records for the property(s) listed below.

BOL ID	Site Name	Site Address	Site City
	PROPERTY	1807-15 N KIMBALL AVE	CHICAGO
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Sincerely,

Jan Ogden, FOIA Coordinator  
Records Management Unit  
Bureau of Land

217/782-5544

March 4, 2010

Thomas Blaszak  
Clean World Engineering Ltd  
1737 South Naperville Road  
Suite 200  
Wheaton, IL. 60189

RE: Freedom of Information Act Request  
1807 to 1815 North Kimball Avenue, Chicago

Dear Mr. Blaszak:

This letter is in response to your Freedom of Information Act ("FOIA")[5 ILCS 140] request dated February 24, 2010 and received by the Division of Legal Counsel of the Illinois Environmental Protection Agency ("Illinois EPA") on February 24, 2010.

Following a search, the Illinois EPA has determined there was no information in the Division of Legal Counsel records for the subject referenced above.

Thank you for your patience and understanding in this matter. Should you have any questions, please do not hesitate to call me at 217/782-5544.

Sincerely,

*Michael J. McCabe*

Michael J. McCabe  
Freedom of Information  
Division of Legal Counsel  
Illinois Environmental Protection Agency

Cc: file



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829  
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

(217) 524-5683

Tuesday, March 02, 2010

Clean World Engineering Ltd.  
Attn: Thomas Blaszak  
1737 South Naperville Road, Suite  
200  
Wheaton, IL 60189-

Re: FOIA Request Received 2/24/2010

Dear Mr. Blaszak:

The IEPA Bureau of Air does not have any files or permits for the facility(s) listed below.

1809 North Kimball Avenue  
Chicago IL

[REDACTED]

[REDACTED]

1815 North Kimball Avenue  
Chicago IL

1810 North Kimball Avenue  
Chicago IL

1811 North Kimball Avenue  
Chicago IL

1812 North Kimball Avenue  
Chicago IL

---

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760  
Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131  
Bureau of Land – Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462  
Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000  
Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463  
Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800  
Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

Printed on recycled paper



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829  
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

1813 North Kimball Avenue  
Chicago IL

1814 North Kimball Avenue  
Chicago IL

1808 North Kimball Avenue  
Chicago IL

1807 North Kimball Avenue  
Chicago IL

If you have any questions, please feel free to contact the FOIA Coordinator at the number indicated above.

Sincerely,

Vicky VonLanken  
Illinois Environmental Protection Agency  
Division of Air Pollution Control

---

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land – Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1001 N. Dearborn Avenue East - P.O. Box 19076 - Schaumburg, Illinois 60194-0076 - Phone: 217-782-3937  
John R. D. ... NOW - Fax: ... 11300 ... IL 60801 - 217-914-6036

2/26/2010

Phone: 217.782.8482  
Fax: 217.782.9891  
Email: foia@illinois.gov

Thomas Blaszak  
Clean World Engineering Ltd  
1737 South Naperville Road  
Suite 200  
Wheaton, IL. 60189

RE: Freedom of Information Act (FOIA) Request/FOIA Files 2010-507

- Chicago - 1807 N. Kimball Ave.
- Chicago - 1808 N. Kimball Ave.
- Chicago - 1809 N. Kimball Ave.
- Chicago - 1810 N. Kimball Ave.
- Chicago - 1811 N. Kimball Ave.
- Chicago - 1812 N. Kimball Ave.
- Chicago - 1813 N. Kimball Ave.
- Chicago - 1814 N. Kimball Ave.
- Chicago - 1815 N. Kimball Ave.

Dear Thomas Blaszak:

The FOIA Sector, Bureau of Water, has processed your request dated 2/24/2010 and received on 2/25/2010, for public records pursuant to the Freedom of Information Act ("FOIA") (5 ILCS 140/1 et. Seq.). The Bureau of Water has no information regarding the subject of your request, as referenced above.

For the DMR Data, go to: <http://www.epa.gov/echo/>. At this screen pick Related Links from the list on the left hand side. On the next screen, pick the EPA Envirofacts Warehouse. In the middle of the screen under advanced capabilities, pick queries and pick PCS from the drop down box. At the query form, you must enter the information needed for the site.

The Bureau of Water, Division of Public Water Supplies, files contain information pertaining to community water supplies, not specific sites or addresses. We have no information regarding the referenced property(s) in your request. If you wish to receive any well data relative to particular community water supplies or facilities go to: <http://www.epa.state.il.us/water/groundwater/source-water-assessment/index.html>.

Please contact me at the above number if you require further assistance.

Sincerely,

Janet Christer  
FOIA Coordinator  
Bureau of Water  
Enclosure

cc: File



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829  
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

**PAT QUINN, GOVERNOR**

**DOUGLAS P. SCOTT, DIRECTOR**

2/26/2010

Thomas Blaszk  
Clean World Engineering Ltd  
1737 S Naperville Rd, Ste 200  
Wheaton, IL 60189-

Re: FREEDOM OF INFORMATION ACT REQUEST - OER # 0024148

This letter is in response to your Freedom of Information Act (FOIA) (5 ILCS 140/1 et.seq.) request and received by the FOIA sector, Office of Emergency Response, at the Illinois Environmental Protection Agency (Illinois EPA) on . 2/24/2010

Following a search, the Illinois EPA determined there was no information in the Office of Emergency Response records for the property listed below.

1807-1815 N Kimball Ave, Chicago, Cook County

Sincerely,

*Carolyn Wright*

Carolyn Wright  
FOIA Coordinator  
Office of Emergency Response

---

**Rockford** • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760  
**Elgin** • 595 S. State, Elgin, IL 60123 • (847) 608-3131

**Bureau of Land – Peoria** • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462  
**Collinsville** • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

**Des Plaines** • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000  
**Peoria** • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

**Champaign** • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800  
**Marion** • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200



# Verification of FOIA Submittal

FOIA Request submitted by: Mr. Thomas Blaszak  
Automated reply sent to: tblaszak@clean-world.com

**Subject:** FOIA Request - Thomas Blaszak 2/24/2010 10:55:25 AM - 2/24/2010-1507533

*1807-1815 N. Kimball Ave  
Chicago  
Cook Cty*

**If you provided a valid return email address, the summary of your request will be sent. For additional questions, please feel free to use the contact information below:**

- Bureau of Air - FOIA Unit - 217/524-5683 - 217/782-2465(FAX)
- Bureau of Land - Jan Ogden - 217/557-2482 - 217/782-9290(FAX)
- Bureau of Water - Janet Christer 217/782-8482 - 217/782-9891(FAX)
- Office of Emergency Response - Carolyn Wright - 217/558-1677 - 217/782-1431(FAX)
- Division of Legal Counsel - Michael McCabe - 217/782-5544 - 217/782-9807(FAX)

Thank you.

To submit another FOIA request, click the "New Request" button below.

[New Request](#)

[Close Form](#)

[Print](#)

[FOIA Survey](#)

## Tom Blaszak

---

**From:** Tom Blaszak  
**Sent:** Wednesday, February 24, 2010 11:01 AM  
**To:** Tom Blaszak  
**Subject:** FOIA Request - Thomas Blaszak 2/24/2010 10:55:25 AM

The following is a summary of your request:

Requester: Mr. Thomas Blaszak  
Organization: Clean World Engineering Ltd  
Organization Type: Technical Consultant/Contractor  
Location: 1737 South Naperville Road, Suite 200  
Wheaton, IL. 60189  
Dupage  
Phone: (630) 260-0200  
Fax: (630) 260-0797  
tblaszak@clean-world.com

Facility Address: 1807 to 1815 North Kimball Avenue  
Facility City: Chicago  
County: Cook

Bureau of Air - Marilyn Clardy - 217/782-2113 - 217/524-5023 (FAX)  
To: Feb 24 2010  
Specific Permits: Yes  
Annual Emmision Reports: Yes  
Applications: Yes  
Memo/Correspondence: Yes  
Inspection Reports: Yes  
Asbestos Information: Yes  
Violation Notices: Yes  
Violation Notice Packages: Yes

Bureau of Land - Jan Ogden - 217/557-2482 - 217/782-9290 (FAX)  
To: Feb 24 2010  
LUST Technical: Yes  
LUST Fiscal: Yes  
SRP Technical: Yes  
SRP Fiscal: Yes  
FOS: Yes  
Compliance: Yes  
Permits: Yes  
Ground Water: Yes

Bureau of Water - Janet Christer 217/782-8482 - 217/782-9891 (FAX)  
To: Feb 24 2010  
Drinking Water Permit: Yes  
Drinking Water Inspection Report: Yes  
Drinking Water Compliance: Yes  
Drinking Water Sampling Result: Yes  
Drinking Water Complaints: Yes  
Drinking Water Well Location: Yes  
Waste Water Permits: Yes  
DMR: Yes  
Wastewater Compliance: Yes  
Wastewater Inspection Report: Yes  
Waste Water Sampling Results: Yes  
Wastewater Complaints: Yes  
Contact Information: Yes

Division of Legal Counsel - Michael McCabe - 217/782-5544 - 217/782-9807 (FAX)  
To: Jan 24 2010

Office of Emergency Response - Carolyn Wright - 217/558-1677 - 217/782-1431(FAX)  
Copy of File: Yes  
To: Feb 24 2010  
Incident Files: Yes  
VN/Compliance Files: Yes  
Enforcement Files: Yes

--end of automated response--

Thank you!  
\*\*\*DO NOT reply to this message\*\*\*

**APPENDIX I**  
**PHOTOGRAPHS**

SITE PHOTOGRAPHS  
CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT  
1807 – 1815 North Kimball Avenue  
Chicago, Illinois

SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of subject property looking east with Kimball Avenue in the foreground



SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of subject property looking east with adjoining apartment building in the background



SITE PHOTOGRAPHS  
CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT  
1807 – 1815 North Kimball Avenue  
Chicago, Illinois

SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of entrance gateway from the subject property looking west with apartment buildings beyond Kimball Avenue



SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of branches and low-lying brush along concrete embankment wall on the subject property



SITE PHOTOGRAPHS  
CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT  
1807 – 1815 North Kimball Avenue  
Chicago, Illinois

SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View along the northern boundary of the subject property



SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of single family residences along northern boundary of the subject property



SITE PHOTOGRAPHS  
CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT  
1807 – 1815 North Kimball Avenue  
Chicago, Illinois

SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of ramp along southern boundary of subject property leading up to adjoining vacant property



SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View from atop ramp overseeing concrete embankment wall that separates target property (left) from adjoining property (right)



SITE PHOTOGRAPHS  
CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT  
1807 – 1815 North Kimball Avenue  
Chicago, Illinois

SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of subject property from the raised adjoining vacant lot with adjoining residential properties along the northern and eastern boundaries



SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of adjoining vacant lot raised above street level with main rail line in background



SITE PHOTOGRAPHS  
CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT  
1807 – 1815 North Kimball Avenue  
Chicago, Illinois

SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of abandoned rail line on adjoining vacant lot with rail cars resting on main trunk line



SITE PHOTOGRAPH

DATE: 02/09/2010

LOCATION:

View of raised rail line on opposite side of adjoining property looking east on Bloomingdale Avenue



**APPENDIX J**

**ADDENDUM INFORMATION**

**No Addendum Information**

**APPENDIX K**  
**CONSULTANT QUALIFICATIONS**

RITA KAPUR

PRESIDENT

**CLEAN WORLD  
ENGINEERING, LTD.**

**Qualifications**

Experience:

- Project Administration
- Financial Management

Education:

Northwestern University  
Medical School, Registered  
Respiratory Therapist, 1985

College of DuPage,  
Associate of Applied  
Science, 1982

Delhi University, India,  
Bachelor of Science, Biology,  
1974

Ms. Kapur is the President of Clean World Engineering, Ltd. In this position, she is responsible for staff coordination, client interaction, scheduling of staff and resources, budget control, accounting review and quality control aspects.

In the environmental field, her background consists of air pollution, environmental impact statements and assessments, asbestos analysis, and determining of the health related affects of various areas of pollution. In the medical field, her background consisted of assisting patients with respiratory problems, quality control of patient care, and administration.

**PROFESSIONAL CREDENTIALS**

Illinois Department of Public Health (IDPH)-Licensed Asbestos Inspector  
IDPH-Licensed Air Sampling Professional  
Occupational Safety and Health Administration (OSHA) 40-Hour HAZWOPER Training

**MEMBERSHIPS**

American Industrial Hygiene Association  
Chicago Chamber of Commerce  
National Association of Women Business Owners

**REPRESENTATIVE EXPERIENCE**

Conducted Phase I environmental site assessment of a property located on Western Avenue in Chicago, Illinois. The property was used as a combination of restaurant and bar. The assessment included a review of the property's prior use history, a visual inspection for contamination, a visual survey for asbestos, a search for underground storage tanks, a search for PCB containing electrical equipment, an interview with current owners and occupants, and a review of neighboring properties based on available environmental databases, per ASTM current standards.

Project Manager of an Environmental Assessment of a 5-acre site where a four story concrete block/brick, commercial office building was proposed for construction. The project concerned a 120,000 square foot building with 300 parking spaces. Location of this building was a major economic impact and planning concern. Other key issues were traffic, wetlands, aesthetics and hazardous waste.

Performed Phase I environmental site assessment of the vacant property located on North Western Avenue in Chicago, Illinois. The facility was used as a movie theater for more than 5 decades. The investigation consisted of interviewing people knowledgeable about the site; reviewing environmental regulatory databases of the IEPA and the USEPA, and reviewing historical information.

Participated in an environmental assessment for mail processing

facility for the U.S. Postal Service on the south side of Chicago. This project included a hazardous waste site assessment.

Participated in an environmental assessment for the Grand Avenue Grade Separation, Franklin Park, Illinois. Project involved raising a grade-level railroad crossing to an overpass facility in order to facilitate smoother traffic flow. Assessment involved particular concerns with an inactive hazardous waste site and the noise impacts of railroad on the local environment.

Conducted an environmental assessment for power transmission facilities for a 20 MW coal-fired energy plant in Turners Falls, Massachusetts. This was the first coal-fired facility fully permitted and approved in Massachusetts in many years. Issues focused upon included a major historic district, aesthetic impacts, air pollution, water uses, and discharges and impacts on salmon fishing.

Conducted an environmental assessment for a 55 MW gas-fired cogeneration facility in Silver Springs, New York. This facility was designed to provide steam to an industrial drilling process while producing electricity for sale to the local utility. Major concerns included air emissions, water uses and discharges, and noise impacts.

Conducted employee and indoor air quality environmental assessments in conformance with OSHA standards at a metal processing facility to determine the employee exposure to various pollutants generated during the manufacturing process and recommended methods to improve the ventilation and other controls to reduce the employee exposure and to reduce the company liability in worker's compensation claims. Changes resulted in major savings to the company.

Performed investigation to determine the reason of employee sickness including blood sampling in the Editorial office of Chicago Tribune suburban office. Traced the problem to printing operations and contamination of office area air quality from these operations. Recommended ways to improve the air exchanges and control the migration of fumes from the printing operations.

Performed the fungi and bacterial investigation of the entire hospital including the ducts and the air handling system for determining the reason for employee sickness. Additional investigations included sampling for Legionella bacteria. Recommended methods for incorporation in hospital operations for improving the problem areas.

Performed Phase I hazardous waste investigation of localizer buildings on runways 14L and 27R including asbestos, PCB's, oil, underground storage tanks, and lead. Recommended strategies for hazardous waste control prior to demolition of the buildings.

Analyzed the health impacts of the workers inside the wood processing manufacturing facility. Workers had complained of burning eye sensations, respiratory problems and other health hazards with wood manufacturing operation. Created an employee medical and biological surveillance program

incorporating periodic follow-up for observed health deficits. Program resulted in reduced time lost due to illness and improved measures of employee attitudes toward management.

Project Manager for the environmental health impacts of cooling tower fogging, icing and chemical deposition on the local residents and potential users of the proposed Heritage Park. Also analyzed the noise impact from the proposed facility on the nearby senior citizen center.

Managed a two-year asbestos removal project, which involved removal of asbestos from two 3-story buildings. Efforts included preparation of plans for asbestos removal, reviewing contractor's qualifications, supervising contractor's removal activities and certifying the area to be clean.

Analyzed the health impacts on the workers in a facility, which manufactured steel ingots. Workers had complained of breathing problems, throat and lung irritations and various other health hazards. Recommended controls and work practices to improve indoor air quality and supervised the implementation of these recommendations.

Planned, staffed and directed a new department responsible for developing and administering corporate policies and programs regarding medical and biological surveillance, industrial hygiene and epidemiological for a previous employer. Managed a seven member professional staff.

Oversaw and set up public hearings and meetings for several projects under requirements set forth by the National Environmental Protection Act. Activities included graphics preparation, brochures, public notices, agendas, room preparation, facilitation of public comments, and coordination of attending officials.

Michael P. Poulos

PROJECT MANAGER

**CLEAN WORLD  
ENGINEERING, LTD.**

**Qualifications**

Experience:

- Phase I ESA
- Regulatory Compliance and Auditing
- Asbestos Building Inspector
- Lead Inspection and Radon Technician
- QA/QC
- Transportation / Environmental Studies
- Community Development / Planning

Education:

Roosevelt University, 1981,  
Masters of Public  
Administration (MPA)

Roosevelt University, 1978,  
Masters of Arts (MA), Urban  
Studies/Planning

Western Illinois University,  
1974, Bachelor of Science  
(BS), Geography

Mr. Poulos has over 22 years of experience in the environmental field that include Environmental Impact Statements (EIS) and Environmental Assessments on transportation projects that follow NEPA guidelines in addition to adherence to the most current due diligence standards. More recently, his primary responsibility has been to counsel clients on environmental business risks associated with property acquisitions or sales and management of regulatory compliance audits. His Phase I reports comply with ASTM E 1527-05 guidelines as well as AAI standards, when necessary.

In addition to performing and writing Phase I's, Mr. Poulos performs third-party desk reviews, Asbestos and Lead-Based Paint O&M Programs, radon studies and technical reports in conformance with due diligence environmental reporting. He is familiar with Fannie Mae, Freddie Mac and U.S. Department of HUD reporting standards and has vast experience in performing limited testing for asbestos, lead-based paint, lead in water and radon as may be required for Phase I's. Mr. Poulos is familiar with the most recent developments on Mold & Moisture Intrusion and Vapor Intrusion/Encroachment as well as recent developments in sustainable/renewable "green" technologies.

**PROFESSIONAL CREDENTIALS**

ASTM Standard E 2600 Vapor Intrusion  
IEPA Workshop on Sustainable/Renewable "Green"  
Technologies  
IDPH Asbestos Building Inspector  
OSHA-40 Hour Hazardous Waste HAZWOPER Training  
QA/QC Qualified (ISO 9001)  
Radiation (4-Hour) Trained

**REPRESENTATIVE EXPERIENCE**

Mr. Poulos has prepared and reviewed thousands of Phase I Environmental Site Assessments (ESA) for industrial, commercial and residential properties since the ASTM guideline was first enacted in 1993 to its most recent update in 2005, including reporting requirements per U.S. EPA's All Appropriate Inquiry (AAI). He has been involved in the scoping of and facilitating of many Phase II ESA reports resulting from leaking USTs and spills, dry cleaners, in-ground hydraulic lifts and areas of improper material storage. Follow-up involved coordination with state regulators enrolled in their SRPs and VCPs in achieving cleanup objectives towards regulatory closure.

Mr. Poulos has acted as liaison with several private sector clients in the banking and lending institution industries, property management firms, developers and property owners requiring due diligence consulting services on real estate transactions. He has prepared and presented several proposals to prospective clients as part of his business development requirements. As a Certified Environmental Professional (CEP) from 1999 to 2009, Mr. Poulos signed off on all of the company's Phase I's and special studies.

**Recent projects Mr. Poulos has worked on are as follows:**

- The Memphis Office/Warehouse Portfolio in 2006 – Performed due diligence risk assessment for 31 one- and two-story office / warehouse facilities in Memphis, TN, per ASTM E 1527-05 Phase I reporting guidelines. As Portfolio Manager, Mr. Poulos led a team of environmental professionals in identifying several Recognized Environmental Conditions (RECs) including the regulatory disposition of removed USTs and various spill incidents with the TN Department of Environmental Quality. He coordinated additional research with local agencies in identifying Areas of Concern (AOC).
- The Texas Portfolio of Shopping Centers in 2007 – The portfolio consisted of 30 Phase I's for shopping centers located throughout Texas. Mr. Poulos acted as Portfolio Manager in preparation and review of all reports that resulted in performing five Phase II Reports (dry cleaners).
- The Seattle Research and Development Corridor Portfolio in 2009 – Consisted of 19 Phase I's for high-tech research and development firms that involved processing and fabricating environmentally sensitive chemicals. Mr. Poulos supervised a team of Environmental Professionals in addressing many AOCs that included coordination with the Washington State Department of Ecology on resolving several open regulatory issues.

Mr. Poulos has prepared or reviewed many special studies including limited testing for asbestos, lead-based paint (both wet chemistry and lead chip sampling, atomic absorption), lead in water and radon. Other studies include preparing Asbestos and Lead-Based Paint Operations and Maintenance (O&M) Programs, processing Section 404 and Section 404 (b) (1) Wetland Permits in accordance with the Army Corps of Engineers and U.S. EPA guidelines and land use planning studies involved in urban widening projects. He also performed environmental auditing of plant manufacturing facilities per U.S. EPA guidelines.

Mr. Poulos acted as lead environmental project scientist on proposed state highway widening and bypass projects funded by the Federal Highway Administration. Research and coordination was conducted with the Illinois DOT and EPA and followed federal as well as state guidelines for evaluating potential

environmental impacts resulting from the proposed roadways. Several technical studies were prepared. Representative projects include U.S. Route 51 Decatur to Pana, IL; U.S. Route 120 in downtown Danville, IL; U.S. Route 20 in Freeport, IL; FAP 420 in Richmond, IL; and the reconfiguration of the Ogden and Cicero Avenue interchange in Chicago, IL.

Transit studies include wetlands and ecological parameters (threatened and endangered species) involved in the proposed METRA commuter rail station on Lake-Cook road in Northbrook, IL; the Rock Island Relocation Station and Track Switching Alternatives Study, Chicago, IL; and the corridor studies of environmental impacts along Conrail Rail lines in Cleveland, OH.

Mr. Poulos has served as an OSHA Safety Officer on two large scale remediation projects involving the removal of hazardous materials from jobsites. He acted as Safety Officer on the Kerr-McGee Radiological Cleanup Project in West Chicago, IL, overseeing the removal of ACM from the then Northwestern Train Station Shed in downtown Chicago and removal of ACM from the U.S. Can plant in Calumet City, IN. He also participated in risk-based assessments on the Kerr-McGee project and on Asbestos Surveys prepared by others.

Mr. Poulos was responsible for reporting progress on the O'Hare Development Expansion and Modernization Project in the mid- and late-1980s under contract with the Chicago Department of Aviation. The work required interfacing with individual project managers on a weekly, then monthly basis and preparing written reports for submittal to the Department of Aviation and Airlines Steering Committees. Additionally, he obtained key milestone construction dates for interim and proposed completion dates on all projects related to modernization of the airport and prepared large bar chart construction schedules utilizing ARTEMIS scheduling software.

Having earned Masters Degrees in Urban Studies/Planning and Public Administration from Roosevelt University, Chicago, IL, Mr. Poulos worked for two prominent not-for-profit organizations and two municipalities in varying roles. While at the Woodlawn Organization and Evanston Community Development Corporation, he conducted numerous land use compatibility studies using demographic data while performing field work; prepared economic impact studies of small business; and assisted in the preparation of Community Development Block Grants (CDBG) and Urban Development Action Grants (UDAG) applications. These same skills were utilized for the City of Aurora when Mr. Poulos served as a Neighborhood Planner and assisted in the processing of CDBG and UDAG programs as well as the Housing Assistance Plan (HAP), all per federal guidelines. Mr. Poulos also served as an Administrative Assistant to the Village Manager for the Village of Northfield.



**FINAL**  
**Phase II Environmental Site Assessment**

**Vacant Land**  
**1807-15 N. Kimball Ave.**  
**Chicago, Illinois 60647**



**Brecheisen**  
**Engineering,**  
**Inc.**

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Environmental Consulting & Engineering

**FINAL**  
**Phase II Environmental Site Assessment**

**Vacant Land**  
**1807-15 N. Kimball Ave.**  
**Chicago, Illinois 60647**

Parcel Index Numbers:

13-35-409-037-0000  
13-35-409-039-0000  
13-35-409-042-0000

Prepared for:

Chicago Department of Environment  
30 N. LaSalle Street  
Suite 200  
Chicago, Illinois 60602

Prepared by:

Brecheisen Engineering, Inc.  
1700 N. North Park Ave.  
Suite 5-B  
Chicago, Illinois 60614

September 24, 2010

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## EXECUTIVE SUMMARY

### Project Overview

Brecheisen Engineering, Inc. (BEI) was retained by the City of Chicago Department of Environment (CDOE) to conduct a Phase II Environmental Site Assessment (Phase II ESA) at a vacant Site located at 1807-15 N. Kimball Ave. in Chicago, Illinois (the Site). The performance of the Phase II ESA was necessary to characterize the nature and extent of potential impacts related to historical industrial use at the Site in accordance with the recognized environmental conditions (RECs) identified during the completion of a Phase I Environmental Site Assessment (Phase I ESA) for the Site.

The purpose of the Phase II ESA was to characterize potential impacts related to the RECs through the advancement of soil borings, the installation of monitoring wells, and the laboratory analyses of soil and groundwater. Soil borings were intended to characterize both the fill materials and subsurface soils at the Site.

### Site Description

The Site was located north of the Soo Line Railway (former Chicago, Milwaukee, & St. Paul Railway), northeast of the intersection of North Kimball Avenue and West Bloomingdale Avenue in Chicago, Illinois. The Site was situated in the southeast  $\frac{1}{4}$  of Section 35, Township 40 North, and Range 13 East of the Third Principal Meridian in Cook County. The Site has been shown relative to surrounding geographical features on the Site Location Map included as Figure 1.

The Site was an approximate 0.41-acre trapezoidal parcel of vacant land. The perimeter was secured with a fence. The Site was comprised of the following parcels:

Parcel Index Number (PIN)	Description
13-35-409-037	Entire PIN
13-35-409-039	Entire PIN
13-35-409-042	Entire PIN

Based on a review of historical Sanborn maps, the Site was utilized as a lumberyard for the Elsmere Lumber Co. in 1896. The lumberyard extended contiguously onto the eastern adjacent property. No structures existed at the Site in 1896.

By 1921, the Site was vacant and a concrete retaining wall was shown along the northern Site boundary. Railroad spurs from the Chicago, Milwaukee, and St. Paul railroad appeared south of the Site. The eastern adjacent property had been redeveloped into the American Laundry Machinery Co. Historical operations at the American Laundry Machinery Co. included

woodworking, testing, painting, crating, shipping, lumber storage, and casting storage. In addition, machine shop operations were denoted.

By 1950, the American Laundry Machinery Co. had expanded westward onto the subject Site. A two-story structure had appeared along the southern portion of the Site. The Site building was used for “Automobiles” and a “Stock Room” on the first floor, a “Warehouse” on the second floor, with a two-story “Shipping” building and elevator. The northwest portion of the Site was also occupied by a small one-story “Automobile” garage, while the remaining northern portion of the Site was largely vacant. The eastern adjacent site occupied by the American Laundry Machinery Co. had expanded since 1921 and boasted a new five-story “Factory” built in 1928. Machine shop, woodworking, testing, painting, crating, and shipping operations were still denoted on the 1950 Sanborn Map. New “woodworking” activities were also denoted at the eastern adjacent site.

By 1975, the American Laundry Machinery Co. no longer occupied the Site and the eastern adjacent site. Compco Corp. was now shown to occupy the former American Laundry Machinery Co. factory site. Compco Corp. was described on the 1975 Sanborn Map as “Manufacturers of Fluorescent Fixtures.” The Site appeared to remain an extension of the eastern adjacent site. The Site buildings remained along the southern portion of the Site, and were used for a “Stock Room,” a “Warehouse,” and “Shipping.” It was no longer denoted for “Automobiles.” In addition, the former “automobile” garage on the northwest portion of the Site no longer existed. However, a small building addition had been constructed at the northwest portion of the Site building, and was described as “Paint.” The building addition was built in 1956.

By 1988, the Site remained an extension of the eastern adjacent Compco Corp. fluorescent fixture manufacturing facility. The Site building remained along the southern Site boundary and continued to be described as a “Warehouse,” “Stock Room,” “Shipping,” and “Paint.” However, another addition to the Site building had been constructed on the central portion of the Site. The use of this portion of the Site building was not discernible. The Site and the eastern adjacent Compco Corp. remained in this configuration through the 1994 Sanborn Map.

By 2002, both the subject Site and the interconnected eastern adjacent site were completely vacant, and remained in this configuration through the 2004 Sanborn Map.

The Site is currently a vacant trapezoidal parcel that is secured with a locked chain link fence. Prior to the Site’s vacancy, two small structures were demolished by the City of Chicago, one in 2001, and one in 2002/2003. The Site has been vacant since 2003 and the City of Chicago acquired the Site through foreclosure in 2005 (CWE, 2010).

### **Recognized Environmental Conditions from Phase I ESA**

The Phase I ESA was completed in April 2010 by Clean World Engineering, Ltd (CWE). The Phase I ESA identified the following RECs for the Site:

### On-Site

- *Long term historical Site uses that included painting, lumber storage and warehousing, and storage operations assumed to be associated with the former eastern adjoining American Laundry Machinery Co. and Compco Corporation (manufacturer of fluorescent light bulbs and fixtures);*
- *The potential for unregistered underground storage tanks (USTs) to be present;*
- *The possibility of urban fill being brought onto the Site from unknown sources;*

### Off-Site

- *Long term historical industrial use of the eastern adjacent site for manufacturing purposes as the former the Elsmere Lumber Company, the American Laundry Machinery Co, and Compco Corp.;*
- *Records for two (2) heating oil USTs (23,000-gallon and 25,000-gallon) installed on the eastern adjacent property in 1952 were identified, with no documentation on the disposition;*
- *Listings of the eastern adjacent property a RCRA Small Quantity Generator (SQG) of hazardous waste and a RCRA Non-Generator.*

The above RECs, with the exception of unregistered USTs and the potential for urban fill, have been shown on the Site Features Map, included as Figure 2.

### **Summary of Phase II ESA Results**

BEI performed a Phase II ESA at the Site located at 1807-15 North Kimball Avenue in Chicago, Illinois. The performance of the Phase II ESA was intended to establish the presence or absence of impacts associated with any of the RECs identified during the completion of a Phase I ESA for the Site. The purpose of the Phase II ESA was to characterize potential impacts associated with the RECs through the advancement of soil borings, the installation of monitoring wells, and the laboratory analyses of soil and groundwater samples.

### Soil Investigation

Eight (8) soil borings were drilled in the areas most likely to have been impacted based on the historical Site operations and the CDOE-approved Sampling and Analysis Plan (SAP). At least two (2) soil samples from each soil boring were analyzed for various combinations of VOCs, SVOCs, PNAs, PCBs, pesticides, herbicides and RCRA Metals. The soil boring locations have been shown relative to the RECs for the Site on Figure 3. Photographs of Site investigation activities have been included in Appendix A. A complete description of field observations has been provided on the Soil Boring Logs included as Appendix B.

No PCBs or herbicides were detected at levels exceeding the most stringent residential Tier 1 SROs in any of the soil samples analyzed. However, certain VOCs, PNAs, pesticides, and RCRA Metals were detected in the Site's surficial (0 to 3 feet bsg) and subsurface soils (3 to 12 feet bsg) at levels exceeding the most restrictive residential and construction worker Tier 1 SROs

for various exposure pathways. The estimated extent of impacted soils exceeding the most restrictive Tier 1 SROs has been shown on Figures 5 – 8 for various exposure pathways. Soil analytical results were compared to the residential and construction worker Tier 1 SROs on Tables 1 – 5. A complete copy of the soil analytical reports has been provided in Appendix D.

Based on the results of the soil samples analyzed, the PNA impacts were limited to the uppermost 6 feet of the Site's soils. The highest levels of PNAs were detected within the ramp constructed of urban fill. PNA impacts were limited to the uppermost 3-feet on the northwestern and north-central portion of the Site; however, PNA impacts extended to deeper depths at B-4 and B-7. RCRA Metals impacts were detected horizontally across the Site, but were limited to the uppermost 6 feet of the Site, with the exception of a deeper chromium impact at B-1 (6-9). The most severe RCRA Metals impacts were identified from the 3 to 6 foot depth interval along the eastern Site boundary (B-4, B-5 and B-6). The PNA and RCRA Metals impacts were delineated vertically in every soil boring except B-8, where subsurface penetration was not possible due to the existence of the ramp constructed of urban fill material. The pesticide impact appeared to be an isolated occurrence at B-6, and the extent was delineated both horizontally and vertically.

VOCs were detected in every soil boring at the Site except B-8, where subsurface penetration was not accomplished. The most severe VOC impacts were detected at depths ranging from 3 to 12 feet below grade at soil borings B-2, B-4 and B-5. The extent of VOC impacts was partially delineated horizontally based on clean soil samples from B-1 and B-7. However, the full horizontal and vertical extent of VOC impacts was not defined.

#### Groundwater Investigation

Three (3) soil borings were completed as 1-inch diameter PVC temporary monitoring wells in accordance with the site-specific SAP. Groundwater samples were collected from each monitoring well for various combinations of VOCs, SVOCs, PNAs, PCBs, pesticides, herbicides, and RCRA Metals. Monitoring well locations have been shown relative to the RECs for the Site on Figure 3. Monitoring well construction logs have been included in Appendix C.

Monitoring well top-of-casing elevations were surveyed and groundwater elevations were measured using a Solinst<sup>TM</sup> electronic water level meter in order to determine the regional groundwater flow direction beneath the Site. Based on the measured groundwater elevations beneath the Site, regional groundwater flow direction was determined to be northwesterly. A groundwater contour map illustrating groundwater flow direction has been provided as Figure 4.

No SVOCs, PCBs, pesticides, or herbicides were detected in the groundwater beneath the Site at levels exceeding the Tier 1 GROs for Class I groundwater. However, certain VOCs and RCRA Metals were detected at levels exceeding the Tier 1 GROs for Class I and Class II Groundwater. The estimated extent of groundwater impacts has been shown on Figure 9. Groundwater analytical results were compared to the Tier 1 GROs on Tables 6 through 10. A complete copy of the groundwater analytical reports has been provided in Appendix E.

## **Recognized Environmental Conditions**

The results of the Phase II ESA confirmed that the Site's soil and groundwater have been impacted as a result of historical operations conducted at the Site including, but not limited to the following RECs:

### On-Site

- *Long term historical Site uses that included painting, lumber storage and warehousing, and storage operations assumed to be associated with the former eastern adjoining American Laundry Machinery Co. and Compco Corporation (manufacturer of fluorescent light bulbs and fixtures);*
- *The possibility of urban fill being brought onto the Site from unknown sources;*
- *Historic site building demolition and associated presence of demolition debris.*

### Off-Site

- *Long term historical industrial use of the eastern adjacent site for manufacturing purposes as the former the Elsmere Lumber Company, the American Laundry Machinery Co, and Compco Corp.;*
- *Listings of the eastern adjacent property a RCRA Small Quantity Generator (SQG) of hazardous waste and a RCRA Non-Generator.*

## **Contaminants-of-Concern**

Based on the results of the Tier 1 Evaluation, the following contaminants-of-concern have been identified at the Site:

### Volatile Organic Compounds

- 1,1-Dichloroethene
- Benzene
- Chloroform
- Tetrachloroethylene
- Trichloroethylene
- Cis-1,2-Dichloroethene
- Trans-1,2-Dichloroethene
- Vinyl Chloride
- Methylene Chloride

### Polynuclear Aromatic Hydrocarbons

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a)anthracene
- Indeno(1,2,3-cd)pyrene

### Pesticides

- Gamma-BHC

### RCRA Metals

- Antimony
- Arsenic
- Cadmium
- Chromium
- Iron
- Lead
- Manganese
- Mercury
- Selenium

### **Exposure Pathways**

Based on the results of the Tier 1 Evaluation, the following exposure pathways have been identified at the Site:

- Residential Soil Ingestion
- Residential Soil Inhalation
- Construction Worker Ingestion
- Construction Worker Inhalation
- Soil Migration to Groundwater (Class I and Class II)
- Groundwater Ingestion (Class I and Class II)

### **Recommendations**

Full delineation of the VOC-impacted soil and groundwater was not accomplished within the scope of the Phase II ESA described herein. An additional mobilization has been recommended to delineate the full extent of VOC-impacted soil and groundwater. Additional sampling has also been recommended along the southern portion of the Site for both characterization and delineation purposes.

Based on the confirmed presence of soil and groundwater impacts at levels exceeding the residential Tier 1 SROs and GROs for various exposure pathways, and considering the Site's anticipated use as park space, engineered barriers and institutional controls have been recommended to mitigate human exposure to the impacted media.

Any soil that is removed from the Site as part of remediation and park construction should be disposed as non-hazardous special waste. Based on the detection of certain compounds at levels exceeding the construction worker Tier 1 SROs for inhalation and ingestion, a site-specific Health and Safety Plan (HASP) and a construction worker caution zone (CWCZ) should be implemented prior to future remediation and construction activities in order to allow construction workers to take appropriate health and safety precautions.

Based on the nature of the impacts identified at the Site, and the expected future Site use as a park, BEI recommends that the Site be enrolled into the Illinois EPA's voluntary Site Remediation Program (SRP) for the express purpose of obtaining a Comprehensive No Further Remediation Letter (NFR Letter). Enrollment of the Site into the SRP will enable the risk assessment options available in TACO to be utilized to develop Tier 2 remediation objectives once the full nature and extent of soil and groundwater impacts has been delineated. A NFR Letter signifies a release from further responsibilities under the Illinois Environmental Protection Act for the performance of the approved remedial action and is considered prima facie evidence that the Remediation Site does not constitute a threat to human health and the environment.

## 1.0 INTRODUCTION

### 1.1 Project Overview

Brecheisen Engineering, Inc. (BEI) was retained by the City of Chicago Department of Environment (CDOE) to conduct a Phase II Environmental Site Assessment (Phase II ESA) at a vacant Site located at 1807-15 N. Kimball Ave. in Chicago, Illinois (the Site). The performance of the Phase II ESA was necessary to characterize the nature and extent of potential impacts related to historical industrial use at the Site in accordance with the recognized environmental conditions (RECs) identified during the completion of a Phase I Environmental Site Assessment (Phase I ESA) for the Site.

The purpose of the Phase II ESA was to characterize potential impacts related to the RECs through the advancement of soil borings, the installation of monitoring wells, and the laboratory analyses of soil and groundwater. Soil borings were intended to characterize both the fill materials and subsurface soils at the Site.

### 1.2 Site Location

The Site was located north of the Soo Line Railway (former Chicago, Milwaukee, & St. Paul Railway), northeast of the intersection of North Kimball Avenue and West Bloomingdale Avenue in Chicago, Illinois. The Site was situated in the southeast ¼ of Section 35, Township 40 North, and Range 13 East of the Third Principal Meridian in Cook County. The Site has been shown relative to surrounding geographical features on the Site Location Map included as Figure 1.

### 1.3 Site Description

The Site was an approximate 0.41-acre trapezoidal parcel of vacant land. The perimeter was secured with a fence. The Site was comprised of the following parcels:

Parcel Index Number (PIN)	Description
13-35-409-037	Entire PIN
13-35-409-039	Entire PIN
13-35-409-042	Entire PIN

North: North of the site was a residential property improved with a multi-story house beyond which was continued residential land use.

South: South of the Site was an elevated and vacated rail spur beyond which was the elevated Soo Line Railway (formerly the Chicago, Milwaukee and St. Paul Railway), underneath which was W. Bloomingdale Avenue. South of West Bloomingdale Avenue was residential land use.

East: East of the Site was a residential housing complex at 1800 N. Spaulding Avenue beyond which was residential development.

West: West of the Site was N. Kimball Avenue beyond which was residential development.

#### **1.4 Recognized Environmental Conditions**

The Phase I ESA was completed in April 2010 by Clean World Engineering, Ltd (CWE). The Phase I ESA identified the following RECs for the Site:

##### On-Site

- *Long term historical Site uses that included painting, lumber storage and warehousing, and storage operations assumed to be associated with the former eastern adjoining American Laundry Machinery Co. and Compco Corporation (manufacturer of fluorescent light bulbs and fixtures);*
- *The potential for unregistered underground storage tanks (USTs) to be present;*
- *The possibility of urban fill being brought onto the Site from unknown sources;*

##### Off-Site

- *Long term historical industrial use of the eastern adjacent site for manufacturing purposes as the former the Elsmere Lumber Company, the American Laundry Machinery Co, and Compco Corp.;*
- *Records for two (2) heating oil USTs (23,000-gallon and 25,000-gallon) installed on the eastern adjacent property in 1952 were identified, with no documentation on the disposition;*
- *Listings of the eastern adjacent property a RCRA Small Quantity Generator (SQG) of hazardous waste and a RCRA Non-Generator.*

The above RECs, with the exception of unregistered USTs and the potential for urban fill, have been shown on the Site Features Map, included as Figure 2.

#### **1.5 Documents Reviewed**

During the performance of the Phase II ESA, BEI referred to Illinois Administrative Code (IAC) Title 35 Part 740, *Site Remediation Program*, and Part 742, *Tiered Approach to Corrective Action Objectives (TACO)*, and the IEPA-published “Chemicals Not in TACO” Tier I Tables. BEI also reviewed the April 2010 Phase I ESA prepared by CWE.

#### **1.6 Specific Tasks Undertaken**

The Phase II ESA consisted of the following elements.

### 1.6.1 Site-Specific Sampling and Analysis Plan

Based on the nature and locations of the RECs described in Section 1.4, BEI proposed a site-specific Sampling and Analysis Plan (SAP) to the CDOE for review and approval. Upon CDOE approval of the SAP, BEI performed the Phase II ESA.

### 1.6.2 Soil Investigation

Eight (8) soil borings were drilled in the areas most likely to have been impacted by the RECs identified for the Site. At least two (2) soil samples from each soil boring were analyzed for various combinations of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polynuclear aromatic hydrocarbons (PNAs), polychlorinated biphenyls (PCBs), pesticides, herbicides, RCRA Metals/pH and fraction of organic carbon ( $f_{oc}$ ).

### 1.6.3 Groundwater Investigation

Three (3) soil borings were completed as 1-inch diameter temporary PVC monitoring wells in the areas most likely to have been impacted from the RECs identified for the Site. Groundwater samples were collected from each monitoring well for various combinations of VOCs, SVOCs, PNAs, PCBs, pesticides, herbicides and RCRA Metals. In addition, monitoring well top-of-casing elevations were surveyed and groundwater elevations were measured and the groundwater flow direction beneath the Site was determined.

### 1.6.4 Phase II ESA Report

The Phase II ESA Report has presented the methods and results of the field sampling activities, including a comparison of the laboratory analytical results to the applicable TACO Tier 1 Remediation Objectives. The analytical tables, figures and appendices have been included in conformance with the CDOE-prescribed report format.

## **1.7 Limitations and Exceptions**

The purpose of the Phase II ESA was limited to the assessment of actual identified RECs and was not intended to assess the possible RECs listed in the Phase I ESA. No Plat of Survey was available to verify the Site boundary. The Site boundaries were estimated from the Cook County Assessor's website, Sanborn fire insurance maps, and field measurements.

## **2.0 SITE CHARACTERIZATION**

### **2.1 Physical Setting**

#### 2.1.1 Site Topography

Based on the 1997 United States Geological Survey (USGS) Chicago Loop Quadrangle Map, the elevation of the Site was approximately 600 feet above mean sea level (Figure 1). The majority of the Site was situated at or near surrounding grade level of approximately 600 feet above mean sea level. Based on field observations, the topography of this lower portion of the Site was relatively flat with no obvious elevation gradient. However, the southern portion of

the Site was raised to the top elevation of an adjacent railroad viaduct, and was situated approximately 615 feet above mean sea level. A concrete retaining wall divided the lower portion of the Site from the elevated portion of the Site. Access to the elevated portion of the Site was provided by a ramp constructed of urban fill material.

### 2.1.2 Site Geology/Hydrogeology

Based on the Illinois State Geological Survey (ISGS) Circular 460, the Site was situated on the Lake Plain sediments of the Equality Formation. Lake Plain sediments were described as “floors of glacial lakes flattened by wave erosion and by minor deposition in low areas; largely underlain by glacial till; thin deposits of silt, clay, and sand of the Equality Formation present locally.” Field observations indicated that the surficial materials consisted of concrete underlain by fill material. Fill materials generally consisted of loose granular material including crushed concrete, sand and gravel. Beneath the fill materials, native soils consisted predominantly of silty clay, which was consistent with the ISGS published soil types. The silty clay exhibited brown and gray color variations and generally held a soft to firm consistency to approximately 12 feet below grade. Beneath 12 feet, soils typically consisted of soft to very soft gray silty clay.

### 2.1.3 Surface Water Bodies

According to the 1997 USGS Chicago Loop Quadrangle Map, the closest surface water body was a small pond in Humboldt Park, which was approximately 0.75 miles southeast of the Site. The north branch of the Chicago River was approximately 2.7 miles east of the Site.

### 2.1.4 Wetlands

Wetland maps were not reviewed as part of the Phase II ESA.

### 2.1.5 Flooding

Floodplain maps were not reviewed as part of the Phase II ESA.

## **2.2 Site History**

Based on a review of historical Sanborn maps, the Site was utilized as a lumberyard for the Elsmere Lumber Co. in 1896. The lumberyard extended contiguously onto the eastern adjacent property. No structures existed at the Site in 1896.

By 1921, the Site was vacant and a concrete retaining wall was shown along the northern Site boundary. Railroad spurs from the Chicago, Milwaukee, and St. Paul railroad appeared south of the Site. The eastern adjacent property had been redeveloped into the American Laundry Machinery Co. Historical operations at the American Laundry Machinery Co. included woodworking, testing, painting, crating, shipping, lumber storage, and casting storage. In addition, machine shop operations were denoted.

By 1950, the American Laundry Machinery Co. had expanded westward onto the subject Site. A two-story structure had appeared along the southern portion of the Site. The Site building

was used for “Automobiles” and a “Stock Room” on the first floor, a “Warehouse” on the second floor, with a two-story “Shipping” building and elevator. The northwest portion of the Site was also occupied by a small one-story “Automobile” garage, while the remaining northern portion of the Site was largely vacant. The eastern adjacent site occupied by the American Laundry Machinery Co. had expanded since 1921 and boasted a new five-story “Factory” built in 1928. Machine shop, woodworking, testing, painting, crating, and shipping operations were still denoted on the 1950 Sanborn Map. New “woodworking” activities were also denoted at the eastern adjacent site.

By 1975, the American Laundry Machinery Co. no longer occupied the Site and the eastern adjacent site. Compco Corp. was now shown to occupy the former American Laundry Machinery Co. factory site. Compco Corp. was described on the 1975 Sanborn Map as “Manufacturers of Fluorescent Fixtures.” The Site appeared to remain an extension of the eastern adjacent site. The Site buildings remained along the southern portion of the Site, and were used for a “Stock Room,” a “Warehouse,” and “Shipping.” It was no longer denoted for “Automobiles.” In addition, the former “automobile” garage on the northwest portion of the Site no longer existed. However, a small building addition had been constructed at the northwest portion of the Site building, and was described as “Paint.” The building addition was built in 1956.

By 1988, the Site remained an extension of the eastern adjacent Compco Corp. fluorescent fixture manufacturing facility. The Site building remained along the southern Site boundary and continued to be described as a “Warehouse,” “Stock Room,” “Shipping,” and “Paint.” However, another addition to the Site building had been constructed on the central portion of the Site. The use of this portion of the Site building was not discernible. The Site and the eastern adjacent Compco Corp. remained in this configuration through the 1994 Sanborn Map.

By 2002, both the subject Site and the interconnected eastern adjacent site were completely vacant, and remained in this configuration through the 2004 Sanborn Map.

The Site is currently a vacant trapezoidal parcel that is secured with a locked chain link fence. Prior to the Site’s vacancy, two small structures were demolished by the City of Chicago, one in 2001, and one in 2002/2003. The Site has been vacant since 2003 and the City of Chicago acquired the Site through foreclosure in 2005 (CWE, 2010).

### **3.0 SITE INVESTIGATION**

#### **3.1 Site-Specific Sampling Plan**

In order to investigate the RECs identified in the Phase I ESA, BEI prepared a site-specific Sampling and Analysis Plan (SAP). The SAP involved the completion of eight (8) soil borings and three (3) one-inch temporary monitoring wells to assess the potential impacts to soil and groundwater. All soil and groundwater sampling activities were limited to the lower

portion of the Site; the elevated embankment area on the south end of the Site was not sampled due to access restrictions associated with the adjacent property.

**3.1.1 Soil Borings**

Eight (8) soil borings were drilled as part of the Phase II ESA to characterize impacts associated with the Site’s historic use and identified RECs for both the fill material and subsurface material at the Site. In general, the soil borings were intended to establish the presence or absence of soil impacts associated with the Site’s RECs. Therefore, sampling locations were chosen in the areas most likely to have been impacted based on the identified RECs. The purpose of each soil boring has been summarized on Table 3.1.1.

**Table 3.1.1**  
 Soil and Groundwater Sampling and Analysis Plan

REC	PIN	SBs	MWs	Soil Samples	GW Samples	Analyses <sup>1</sup>
Former painting operations & storage Former lumber storage yard Historical building demolition debris Undocumented urban fill	13-35-409-042	B-1 B-2 B-3	TMW-1	6	1	VOCs/BETX, SVOCs/PNAs, PCBs/Pesticides, TAL Inorganics/RCRA 8 Metals
Eastern adjacent former washing machine and fluorescent fixtures manufacturing facility/RCRA SQG; Eastern adjacent heating oil USTs; Undocumented urban fill	13-35-409-037 13-35-409-042	B-4 B-5 B-6	TMW-2	6	1	VOCs, SVOCs, PCBs/Pesticides, TAL Inorganics/RCRA 8 Metals
Former lumber storage and warehouse/shipping facility Historical building demolition debris Undocumented urban fill	13-35-409-039	B-7 B-8	TMW-3	4	1	VOCs/BETX, SVOCs/PNAs, PCBs/Pesticides, RCRA 8 Metals Herbicides

<sup>1</sup>Analyses subject to change based on field observations.

On August 4, 2010, BEI oversaw the advancement of soil borings B-1 through B-8 at the Site. One (1) soil boring was advanced to a terminal depth of 24-feet to characterize the Site’s geology and to determine the location of potential water bearing units. Two (2) soil borings were advanced to a terminal depth of 20-feet. Four (4) soil borings were advanced to a terminal depth of 16-feet. One (1) soil boring was drilled to a terminal depth of 6-feet due to refusal. Subsurface penetration was achieved using a truck-mounted Geoprobe using standard dual-tube sampling techniques. Soil samples were retrieved from each depth interval in sterile PVC liners. Soil samples were collected continuously at 3-foot intervals and classified by BEI using the United Soil Classification System (USCS). Geoprobe drill rods and sampling barrels were decontaminated between soil borings. Photographs of Site Investigation activities have been included in Appendix A. A complete description of field observations

has been provided on the Soil Boring Logs in Appendix B. The soil boring locations have been shown on Figure 3.

Soil samples were transferred directly from the geoprobe liner sleeve into the laboratory-provided sample containers using dedicated latex gloves for each sample interval, labeled, designated for potential analysis, and placed in a cooler on ice to maintain a temperature of 4°C. A duplicate portion of sampled soil was sealed in a pre-labeled plastic bag and set aside to be field screened. Soil samples from each depth interval were classified according to their predominant geological characteristics. After a sufficient time had elapsed to allow the soil vapors to equilibrate with the air in the sample bags, the sealed soil vapors were field screened using a photo-ionization detector (PID). All soil samples were labeled and maintained at 4°C until they were transferred to an Illinois-accredited laboratory under the appropriate chain-of-custody procedures.

### 3.1.2 Temporary Monitoring Wells

Three (3) soil borings were completed as 1-inch PVC temporary monitoring wells. The temporary monitoring well locations have been shown on Figure 3. The purpose of each monitoring well was summarized on Table 3.1.1. In general, the monitoring wells were intended to establish the presence or absence of groundwater impacts associated with the RECs illustrated on Figure 2. The monitoring well locations were intended to assess the areas most likely to have been impacted.

On August 4, 2010, soil borings B-2, B-5 and B-7 were completed as temporary monitoring wells TMW-1, TMW-2 and TMW-3, respectively. Monitoring wells were constructed of 1-inch diameter Schedule 40 PVC materials and included a 10-foot screen with 0.010-inch slotted openings. The screened interval was constructed from approximately 6 – 16 feet below grade for TMW-1 and TMW-3. The screened interval was constructed from approximately 8-18 feet at TMW-2. Annular space surrounding the well screen was filled with filter sand (quartz #5) and then sealed with bentonite pellets. The temporary monitoring wells were completed approximately 6-inches above grade with a surficial bentonite seal. Protective well vaults were not installed. The temporary monitoring well construction logs have been provided in Appendix C.

Upon completion of well installation activities, top-of-casing elevations were surveyed relative to an arbitrarily assigned datum of 100.00-feet. Monitoring wells were developed by purging groundwater from each well using a dedicated disposable bailer. Groundwater was purged until three (3) well volumes were removed or until each well was dry.

On August 5, 2010, after sufficient time had elapsed to allow groundwater levels to equilibrate, BEI mobilized to the Site and collected groundwater elevation data using a Solinst<sup>TM</sup> electronic water level meter. The water level meter was decontaminated after its use in each well using an Alconox<sup>TM</sup> solution and distilled rinse-water. Based on the top-of-casing elevations and the depth-to-water measurements, groundwater elevations beneath the Site were calculated and have been summarized on the following table.

**Table 3.1.2**  
Groundwater Elevation Summary (August 5, 2010)

Monitoring Well ID	TMW-1	TMW-2	TMW-3
Top-of-Casing Elevation (ft)	98.80	100.00	99.94
Depth-to-Groundwater (ft)	13.85	2.51	2.52
Groundwater Elevation (ft)	84.95	97.49	97.42

Based on the hydraulic gradient beneath the Site, groundwater flow direction was determined to be northwesterly. A Groundwater Contour Map depicting the groundwater flow direction has been provided as Figure 4.

On August 10, 2010, after sufficient time had elapsed to allow groundwater to charge the temporary monitoring wells, BEI mobilized to the Site to collect groundwater samples. Dedicated bailers and latex gloves were then used to extract groundwater from the monitoring wells. Groundwater was transferred directly from the dedicated bailers into the laboratory-provided sample containers. Groundwater sampling was not completed because insufficient groundwater had accumulated within the wells.

On August 11, 2010, after additional time had elapsed to allow groundwater to charge the temporary monitoring wells, BEI mobilized to the Site to continue the groundwater sampling activities. Dedicated disposable bailers and latex sampling gloves were used to extract groundwater from the monitoring wells. Groundwater was transferred directly from the dedicated bailers into the laboratory-provided sample containers. Groundwater sampling was not completed because insufficient groundwater had accumulated within TMW-1.

On August 18, 2010, after additional time had elapsed to allow groundwater to recharge within the temporary monitoring wells, BEI mobilized to the Site to complete the groundwater sampling activities. Dedicated disposable bailers and latex sampling gloves were used to extract groundwater from the monitoring wells. Groundwater was transferred directly from the dedicated bailer into the laboratory-provided sample bottles. Due to insufficient groundwater sample volume in TMW-1, the groundwater sampling activities were concluded without collecting a groundwater sample from TMW-1 for the PCBs/Pesticides analysis.

All groundwater samples were labeled and placed in a cooler on ice to maintain the required temperature of 4°C until they were transferred to an Illinois-accredited laboratory under standard chain-of-custody procedures.

### 3.1.3 Soil Sample Selection

The analyses performed and the associated rationale for each soil sample has been summarized on the following table.

**Table 3.1.3**  
 Site Specific Sampling Plan Summary

Boring ID	Analyses Performed				Rationale
	Shallow	Depth (ft)	Deep	Depth (ft)	
B-1	VOCs, PNAs, PCBs/Pesticides, RCRA 8 Metals	0-3	PNAs, RCRA 8 Metals VOCs, Cr VOCs, Cr	3-6 6-9 9-12	Former painting operations & storage Former lumber storage yard Historical building demolition debris Undocumented urban fill
B-2	VOCs, SVOCs, PCBs/Pesticides, TAL Inorganics	3-6	VOCs, SVOCs, RCRA 8 Metals VOCs	6-9 9-12	Former painting operations & storage Former lumber storage yard Historical building demolition debris Undocumented urban fill
B-3	VOCs, PNAs, PCBs/Pesticides, RCRA 8 Metals	3-6	VOCs, PNAs, RCRA 8 Metals	6-9	Former painting operations & storage Former lumber storage yard Historical building demolition debris Undocumented urban fill
B-4	SVOCs, PCBs/Pesticides, RCRA 8 Metals	0-3	PNAs, TAL Inorganics VOCs, Sb, As, Pb, Fe, Hg VOCs, SVOCs	3-6 6-9 9-12	Eastern adjacent former washing machine and fluorescent fixtures manufacturing facility/RCRA SQG; Eastern adjacent heating oil USTs; Undocumented urban fill
B-5	PNAs, TAL Inorganics	0-3	VOCs, SVOCs, Pesticides/PCBs, TAL Inorganics VOCs, SVOCs, Pest/PCBs, Sb, As, Pb, Hg, Se VOCs	3-6 6-9 9-12	Eastern adjacent former washing machine and fluorescent fixtures manufacturing facility/RCRA SQG; Eastern adjacent heating oil USTs; Undocumented urban fill
B-6	VOCs, SVOCs, PCBs/Pest, RCRA 8 Metals	0-3	VOCs, SVOCs, PCBs/Pest, RCRA 8 Metals VOCs, As, Cr, Pb, Hg VOCs	3-6 6-9 9-12	Eastern adjacent former washing machine and fluorescent fixtures manufacturing facility/RCRA SQG; Eastern adjacent heating oil USTs; Undocumented urban fill
B-7	VOCs, SVOCs, PCBs/Pesticides, Herbicides, RCRA 8 Metals	0-3	VOCs, SVOCs, RCRA 8 Metals VOCs, PNAs VOCs	3-6 6-9 9-12	Former lumber storage and warehouse/shipping facility Historical building demolition debris Undocumented urban fill
B-8	BETX, PNAs, Herbicides, RCRA 8 Metals	0-3	NA	NA	Former lumber storage and warehouse/shipping facility Historical building demolition debris Undocumented urban fill

At least two (2) soil samples were submitted from each soil boring for laboratory analyses of the targeted analytes. One (1) shallow soil sample was collected from the surficial soils (0 to 3 feet bsg, except when there was no recovery) and at least one (1) deeper soil sample was collected from the soil horizon potentially impacted based on field observations and PID readings. If no potential impacts were observed, the soil sample just above the soil-groundwater interface was collected for analysis.

Twenty-one (21) soil samples were analyzed for VOCs, ten (10) soil samples were analyzed for SVOCs, eight (8) soil samples were analyzed for PNAs, nine (9) soil samples were analyzed for PCBs/Pesticides, four (4) soil samples were analyzed for TAL Inorganics/pH, eleven (11) soil samples were analyzed for RCRA 8 Metals/pH, four (4) additional soil samples were analyzed for various individual metals, one (1) soil sample was analyzed for BETX, two (2) soil samples were analyzed for herbicides, and two (2) soil samples were analyzed for fraction organic carbon ( $f_{oc}$ ).

Two (2) soil samples were analyzed for TCLP VOCs, one (1) soil sample was analyzed for TCLP RCRA 8 Metals, and one (1) soil sample was analyzed for TCLP Chromium. The soil samples with the highest detected concentrations of trichloroethylene, vinyl chloride, arsenic, chromium, lead, and mercury were designated for TCLP lead analyses in order to determine whether the soil at the Site exhibited hazardous toxicity characteristics.

**3.1.4 Groundwater Sample Selection**

The analyses performed and the associated rationale for the groundwater sample selection has been summarized on the following table.

**Table 3.1.4**  
 Groundwater Sample Selection Rationale

Well ID	Analyses Performed	Rationale
TMW-1	VOCs, PNAs, TAL Inorganics	Former painting operations & storage Former lumber storage yard Historical building demolition debris Undocumented urban fill
TMW-2	Target Compound List	Eastern adjacent former washing machine and fluorescent fixtures manufacturing facility/RCRA SQG; Eastern adjacent heating oil USTs; Undocumented urban fill
TMW-3	VOCs, PNAs, PCBs/Pesticides, Herbicides, RCRA 8 Metals	Former lumber storage and warehouse/shipping facility Historical building demolition debris Undocumented urban fill

One (1) groundwater sample was submitted for laboratory analyses of the constituent lists specified in 35 IAC 740, Appendix A (VOCs, SVOCs, Pesticides/PCBs and TAL Metals). One (1) groundwater sample was analyzed for a reduced list of VOCs, PNAs, PCBs/Pesticides, Herbicides, and RCRA 8 Metals, and one (1) groundwater sample was analyzed for a reduced list of VOCs, PNAs and TAL Inorganics.

### 3.2 Analytical Results

#### 3.2.1 Soil Tier 1 Evaluation

Soil analytical results were compared to the residential Tier 1 Soil Remediation Objectives (Tier 1 SROs) published in 35 IAC 742 (TACO). Soil analytical results were also compared to the construction worker Tier 1 SROs in consideration of future redevelopment activities. The Tier 1 SROs represent acceptable baseline contaminant concentrations that are based on a conservative exposure scenario.

No SVOCs, PCBs or herbicides were detected in any of the soil samples analyzed. However, certain VOCs, PNAs, RCRA metals and pesticides were detected at levels exceeding the most stringent Tier 1 SROs for various exposure pathways. Soil analytical results have been summarized on Tables 1 through 5. The complete soil laboratory analytical reports have been included in Appendix D. Tier 1 exceedances for each exposure pathway have been discussed individually in the following subsections.

#### Soil Ingestion Exceedances

No SVOCs, PCBs, pesticides or herbicides were detected at levels exceeding the residential Tier 1 SROs for the soil ingestion exposure pathway. However, certain VOCs, PNAs and RCRA Metals were detected at levels exceeding the Tier 1 SROs for the soil ingestion exposure pathway at the locations summarized on the following table.

**Table 3.2.1**  
 Residential Soil Ingestion Exceedances

Boring ID	Sample Depth (ft)	Contaminant(s)
B-1	0-3	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene
B-2	6-9	Trichloroethylene Vinyl Chloride
	9-12	Trichloroethylene
B-4	0-3	Benzo(a)anthracene Benzo(b)fluoranthene Arsenic

Boring ID	Sample Depth (ft)	Contaminant(s)
B-4	3-6	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Indeno(1,2,3-cd)pyrene Antimony Arsenic Iron Lead
	6-9	cis-1,2-Dichloroethene Vinyl Chloride
B-5	3-6	Trichloroethylene Vinyl Chloride Arsenic Lead
	6-9	cis-1,2-Dichloroethene Vinyl Chloride
	9-12	cis-1,2-Dichloroethene Tetrachloroethylene
B-6	0-3	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Indeno(1,2,3-cd)pyrene Arsenic Lead
	3-6	Arsenic Lead
B-7	0-3	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene
	3-6	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Indeno(1,2,3-cd)pyrene
B-8	0-3	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Dibenzo(a,h)anthracene Indeno(1,2,3-cd)pyrene

The estimated extent of impacted surficial and subsurface soils exceeding the Tier 1 SROs for the residential soil ingestion exposure pathway have been shown on Figures 5A (0 to 3 feet bsg) and 5B (3 to 12 feet bsg), respectively.

Soil Inhalation Exceedances

No SVOCs, PNAs, PCBs, pesticides, herbicides or RCRA Metals were detected in the Site's soils at levels exceeding the Tier 1 SROs for the residential soil inhalation exposure pathway. However, certain VOCs were detected at levels exceeding the Tier 1 SROs for the residential soil inhalation exposure pathway at the locations summarized on the following table.

**Table 3.2.2**  
 Residential Soil Inhalation Exceedances

Boring ID	Sample Depth (ft)	Contaminant(s)
B-2	6-9	Trichloroethylene Vinyl Chloride
	9-12	Chloroform Trichloroethylene
B-4	6-9	Vinyl Chloride
B-5	3-6	Trichloroethylene Vinyl Chloride
	6-9	Vinyl Chloride
	9-12	Tetrachloroethylene

The estimated extent of impacted soils exceeding the Tier 1 SROs for the residential soil inhalation exposure pathway has been shown on Figure 6.

Construction Worker Exceedances

No SVOCs, PNAs, PCBs, pesticides or herbicides were detected in the Site's soils at levels exceeding the construction worker Tier 1 SROs for the soil ingestion and soil inhalation exposure pathways. However, certain VOCs, lead, and mercury were detected at levels exceeding the construction worker Tier 1 SROs for the soil inhalation and soil ingestion exposure pathways at the sampling locations summarized on the following table.

**Table 3.2.3**  
 Construction Worker Exceedances

Boring ID	Sample Depth (ft)	Contaminant(s)	Pathway Exceeded
B-2	3-6	Mercury	Inhalation
	6-9	Trichloroethylene Vinyl Chloride	Inhalation
	9-12	Chloroform Trichloroethylene	Inhalation
B-4	0-3	Mercury	Inhalation
	3-6	Lead Mercury	Ingestion Inhalation
	6-9	Vinyl Chloride	Inhalation

Boring ID	Sample Depth (ft)	Contaminant(s)	Pathway Exceeded
B-5	3-6	Trichloroethylene Vinyl Chloride Lead Mercury	Inhalation Ingestion
	6-9	Vinyl Chloride	Inhalation
	9-12	1,1-Dichloroethene	Inhalation
B-6	0-3	Lead Mercury	Ingestion Inhalation
	3-6	Lead Mercury	Ingestion Inhalation
B-7	0-3	Mercury	Inhalation

The estimated extent of impacted soils exceeding the construction worker Tier 1 SROs for the soil ingestion and soil inhalation exposure pathways has been shown on Figure 7.

Soil Migration to Groundwater Exceedances

No PCBs or herbicides were detected in the Site's soils at levels exceeding the Tier 1 SROs for the soil migration to groundwater exposure pathway. However, certain VOCs, PNAs, pesticides, and RCRA Metals were detected at levels exceeding the Tier 1 SROs for the soil migration to groundwater exposure pathway at the locations summarized on the following table.

**Table 3.2.4**  
 Soil Migration to Groundwater Exceedances

Boring ID	Sample Depth (ft)	Contaminant(s)	Class
B-1	0-3	Benzo(a)anthracene Benzo(b)fluoranthene Chromium	I
	3-6	Chromium	I
	6-9	Trichloroethylene Chromium	I
B-2	3-6	Trichloroethylene Chromium Lead Selenium	I & II
	6-9	Benzene cis-1,2-Dichloroethene Tetrachloroethylene trans-1,2-Dichloroethene Trichloroethylene Vinyl Chloride	I & II

Boring ID	Sample Depth (ft)	Contaminant(s)	Class
B-2	9-12	Chloroform cis-1,2-Dichloroethene Trichloroethylene Vinyl Chloride	I & II
B-3	6-9	cis-1,2-Dichloroethene Trichloroethylene	I & II
B-4	0-3	Chromium Lead	I
	3-6	Benzo(a)anthracene Antimony Lead	I & II
	6-9	1,1-Dichloroethene cis-1,2-Dichloroethene Tetrachloroethylene trans-1,2-Dichloroethene Vinyl Chloride	I & II
	9-12	cis-1,2-Dichloroethene Vinyl Chloride	I & II
B-5	0-3	Antimony Lead	I
	3-6	Benzene cis-1,2-Dichloroethene Tetrachloroethylene Trichloroethylene Vinyl Chloride Antimony Lead Selenium	I & II
	6-9	cis-1,2-Dichloroethene trans-1,2-Dichloroethene Vinyl Chloride	I & II
	9-12	1,1-Dichloroethene cis-1,2-Dichloroethene Tetrachloroethylene trans-1,2-Dichloroethene	I & II
B-6	0-3	Trichloroethylene Benzo(a)anthracene gamma-BHC Lead	I
	3-6	Trichloroethylene Chromium Lead	I & II
	6-9	Vinyl Chloride	I
	9-12	Tetrachloroethylene	I
B-7	0-3	Chromium Lead	I

Boring ID	Sample Depth (ft)	Contaminant(s)	Class
B-8	0-3	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene	I & II

The estimated extent of impacted soils exceeding the Tier 1 SROs for the soil migration to groundwater exposure pathway has been shown on Figure 8.

Toxicity Characteristic Leaching Procedure – VOCs

The soil samples exhibiting the highest detected levels of trichloroethylene and vinyl chloride were designated for TCLP analyses to determine whether the soil at the Site exhibited hazardous toxicity characteristics. Soil sample B-2 (6-9) contained the highest detected trichloroethylene concentration of 599 mg/kg. Soil sample B-5 (3-6) contained the highest detected vinyl chloride concentration of 26 mg/kg (Table 5). The TCLP VOC results have been summarized on Table 6. None of the targeted analytes were detected at the stated laboratory detection limits, and thus, none of the TCLP VOC results exceeded the toxicity characteristic threshold values for hazardous waste pursuant to 40 CFR 261.

Toxicity Characteristic Leaching Procedure - Metals

The soil samples exhibiting the highest detected levels of total lead, arsenic, mercury, and chromium were designated for TCLP analyses to determine if soil at the Site exhibited hazardous toxicity characteristics. Soil sample B-6 (3-6) contained the highest detected lead, arsenic, and mercury concentrations of 2,800 mg/kg, 29 mg/kg, and 3 mg/kg, respectively. Soil sample B-1 (0-3) exhibited the highest chromium concentration of 88 mg/kg (Table 5). The TCLP metals results have been summarized on Table 10. None of the TCLP metals results exceeded the toxicity characteristic threshold values for hazardous waste pursuant to 40 CFR 261.

Fraction Organic Carbon

Two (2) soil samples were analyzed for  $f_{oc}$  according to ASTM Method D-2974-00. One (1) sample was analyzed from the surficial (0-3 feet bsg) soil horizon, and one (1) soil sample was analyzed from the subsurface soil horizon (6-9 feet bsg). Soil samples B-5 (0-3) and B-7 (6-9) yielded  $f_{oc}$  values of 2.8% and 4.1% respectively (Appendix D).

3.2.2 Groundwater Tier 1 Evaluation

Groundwater analytical results were compared to the Tier 1 Groundwater Remediation Objectives (Tier 1 GROs) published in 35 IAC 742. The Tier 1 GROs represent acceptable baseline contaminant concentrations based on a conservative exposure scenario. No SVOCs, PNAs, PCBs, pesticides or herbicides were detected at levels exceeding the Tier 1 GROs. However, the groundwater analytical results indicated that certain VOCs and RCRA metals were detected in the Site’s groundwater at levels exceeding the Tier 1 GROs for Class I and Class II groundwater at the locations summarized on the following table.

**Table 3.2.5**  
 Groundwater Ingestion Exceedances

Well ID	Contaminant(s)	Class
TMW-1	Chloroform cis-1,2-Dichloroethene Methylene Chloride 1,1,2-Trichloroethane Trichloroethylene Vinyl Chloride	I & II
TMW-2	cis-1,2-Dichloroethene Trichloroethylene Vinyl Chloride Antimony Manganese	I & II
TMW-3	Trichloroethylene	I

The estimated extent of groundwater impacts exceeding the Tier 1 GROs for Class I and Class II groundwater has been shown on Figure 9. Groundwater analytical results have been summarized on Tables 6 through 10. The complete groundwater laboratory analytical reports have been included in Appendix E.

#### 4.0 CONCLUSIONS AND RECOMMENDATIONS

##### 4.1 Overview

BEI performed a Phase II ESA at the Site located at 1807-15 North Kimball Avenue in Chicago, Illinois. The performance of the Phase II ESA was intended to establish the presence or absence of impacts associated with any of the RECs identified during the completion of a Phase I ESA for the Site. The purpose of the Phase II ESA was to characterize potential impacts associated with the RECs through the advancement of soil borings, the installation of monitoring wells, and the laboratory analyses of soil and groundwater samples.

##### 4.1.1 Soil Investigation

Eight (8) soil borings were drilled in the areas most likely to have been impacted based on the historical Site operations and the CDOE-approved SAP. At least two (2) soil samples from each soil boring were analyzed for various combinations of VOCs, SVOCs, PNAs, PCBs, pesticides, herbicides and RCRA Metals. The soil boring locations have been shown relative to the RECs for the Site on Figure 3. Photographs of Site investigation activities have been

included in Appendix A. A complete description of field observations has been provided on the Soil Boring Logs included as Appendix B.

No PCBs or herbicides were detected at levels exceeding the most stringent residential Tier 1 SROs in any of the soil samples analyzed. However, certain VOCs, PNAs, pesticides, and RCRA Metals were detected in the Site's surficial (0 to 3 feet bsg) and subsurface soils (3 to 12 feet bsg) at levels exceeding the most restrictive residential and construction worker Tier 1 SROs for various exposure pathways. The estimated extent of impacted soils exceeding the most restrictive Tier 1 SROs has been shown on Figures 5 – 8 for various exposure pathways. Soil analytical results were compared to the residential and construction worker Tier 1 SROs on Tables 1 – 5. A complete copy of the soil analytical reports has been provided in Appendix D.

Based on the results of the soil samples analyzed, the PNA impacts were limited to the uppermost 6 feet of the Site's soils. The highest levels of PNAs were detected within the ramp constructed of urban fill. PNA impacts were limited to the uppermost 3-feet on the northwestern and north-central portion of the Site; however, PNA impacts extended to deeper depths at B-4 and B-7. RCRA Metals impacts were detected horizontally across the Site, but were limited to the uppermost 6 feet of the Site, with the exception of a deeper chromium impact at B-1 (6-9). The most severe RCRA Metals impacts were identified from the 3 to 6 foot depth interval along the eastern Site boundary (B-4, B-5 and B-6). The PNA and RCRA Metals impacts were delineated vertically in every soil boring except B-8, where subsurface penetration was not possible due to the existence of the ramp constructed of urban fill material. The pesticide impact appeared to be an isolated occurrence at B-6, and the extent was delineated both horizontally and vertically.

VOCs were detected in every soil boring at the Site except B-8, where subsurface penetration was not accomplished. The most severe VOC impacts were detected at depths ranging from 3 to 12 feet below grade at soil borings B-2, B-4 and B-5. The extent of VOC impacts was partially delineated horizontally based on clean soil samples from B-1 and B-7. However, the full horizontal and vertical extent of VOC impacts was not defined.

#### 4.1.2 Groundwater Investigation

Three (3) soil borings were completed as 1-inch diameter PVC temporary monitoring wells in accordance with the site-specific SAP. Groundwater samples were collected from each monitoring well for various combinations of VOCs, SVOCs, PNAs, PCBs, pesticides, herbicides, and RCRA Metals. Monitoring well locations have been shown relative to the RECs for the Site on Figure 3. Monitoring well construction logs have been included in Appendix C.

Monitoring well top-of-casing elevations were surveyed and groundwater elevations were measured using a Solinst<sup>TM</sup> electronic water level meter in order to determine the regional groundwater flow direction beneath the Site. Based on the measured groundwater elevations beneath the Site, regional groundwater flow direction was determined to be northwesterly. A

groundwater contour map illustrating groundwater flow direction has been provided as Figure 4.

No SVOCs, PCBs, pesticides, or herbicides were detected in the groundwater beneath the Site at levels exceeding the Tier 1 GROs for Class I groundwater. However, certain VOCs and RCRA Metals were detected at levels exceeding the Tier 1 GROs for Class I and Class II Groundwater. The estimated extent of groundwater impacts has been shown on Figure 9. Groundwater analytical results were compared to the Tier 1 GROs on Tables 6 through 10. A complete copy of the groundwater analytical reports has been provided in Appendix E.

## 4.2 Recognized Environmental Conditions

The results of the Phase II ESA confirmed that the Site's soil and groundwater have been impacted as a result of historical operations conducted at the Site including, but not limited to the following RECs:

### On-Site

- *Long term historical Site uses that included painting, lumber storage and warehousing, and storage operations assumed to be associated with the former eastern adjoining American Laundry Machinery Co. and Compco Corporation (manufacturer of fluorescent light bulbs and fixtures);*
- *The possibility of urban fill being brought onto the Site from unknown sources;*
- *Historic site building demolition and associated presence of demolition debris.*

### Off-Site

- *Long term historical industrial use of the eastern adjacent site for manufacturing purposes as the former the Elsmere Lumber Company, the American Laundry Machinery Co, and Compco Corp.;*
- *Listings of the eastern adjacent property a RCRA Small Quantity Generator (SQG) of hazardous waste and a RCRA Non-Generator.*

## 4.3 Contaminants-of-Concern

Based on the results of the Tier 1 Evaluation, the following contaminants-of-concern have been identified at the Site:

### Volatile Organic Compounds

- 1,1-Dichloroethene
- Benzene
- Chloroform
- Tetrachloroethylene

- Trichloroethylene
- Cis-1,2-Dichloroethene
- Trans-1,2-Dichloroethene
- Vinyl Chloride
- Methylene Chloride

#### Polynuclear Aromatic Hydrocarbons

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a)anthracene
- Indeno(1,2,3-cd)pyrene

#### Pesticides

- Gamma-BHC

#### RCRA Metals

- Antimony
- Arsenic
- Cadmium
- Chromium
- Iron
- Lead
- Manganese
- Mercury
- Selenium

### **4.4 Exposure Pathways**

Based on the results of the Tier 1 Evaluation, the following exposure pathways have been identified at the Site:

- Residential Soil Ingestion
- Residential Soil Inhalation
- Construction Worker Ingestion
- Construction Worker Inhalation
- Soil Migration to Groundwater (Class I and Class II)
- Groundwater Ingestion (Class I and Class II)

### **4.5 Recommendations**

Full delineation of the VOC-impacted soil and groundwater was not accomplished within the scope of the Phase II ESA described herein. An additional mobilization has been recommended to delineate the full extent of VOC-impacted soil and groundwater. Additional sampling has also been recommended along the southern portion of the Site for both characterization and delineation purposes.

Based on the confirmed presence of soil and groundwater impacts at levels exceeding the residential Tier 1 SROs and GROs for various exposure pathways, and considering the Site's anticipated use as park space, engineered barriers and institutional controls have been recommended to mitigate human exposure to the impacted media.

Any soil that is removed from the Site as part of remediation and park construction should be disposed as non-hazardous special waste. Based on the detection of certain compounds at levels exceeding the construction worker Tier 1 SROs for inhalation and ingestion, a site-specific Health and Safety Plan (HASP) and a construction worker caution zone (CWCZ) should be implemented prior to future remediation and construction activities in order to allow construction workers to take appropriate health and safety precautions.

Based on the nature of the impacts identified at the Site, and the expected future Site use as a park, BEI recommends that the Site be enrolled into the Illinois EPA's voluntary Site Remediation Program (SRP) for the express purpose of obtaining a Comprehensive No Further Remediation Letter (NFR Letter). Enrollment of the Site into the SRP will enable the risk assessment options available in TACO to be utilized to develop Tier 2 remediation objectives once the full nature and extent of soil and groundwater impacts has been delineated. A NFR Letter signifies a release from further responsibilities under the Illinois Environmental Protection Act for the performance of the approved remedial action and is considered prima facie evidence that the Remediation Site does not constitute a threat to human health and the environment.

## **5.0 REMEDIATION COST ESTIMATE**

Based upon the proposed long-term future use of the Site as a park space, BEI has prepared a detailed cost estimate and rationale for addressing the impacts identified as part of the Phase II ESA. The remediation cost estimate has been submitted under a separate cover.

## **6.0 CLOSING REMARKS**

No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a Site. The performance of this Phase II ESA was intended to reduce, but not eliminate, uncertainty regarding the potential for soil and / or groundwater contamination in connection with this Site within reasonable limits of time and cost. The information presented herein was based field observations and analytical results from the areas of the Site and media that were actually investigated. BEI makes no express or implied warranties regarding the absence or existence of recognized environmental conditions in areas and/or media that were not investigated as part of this Phase II ESA. This report was prepared exclusively for the City of Chicago Department of Environment and is not for the use or benefit of any other person or entity. The contents of this report may not be quoted in whole or in part. Furthermore, this report may not be relied upon by any person or entity without the express written consent of BEI.

## 7.0 REFERENCES

Clean World Engineering, Ltd. April 2010. *Phase I Environmental Site Assessment Report. TOR #09-DOE-0022 1807-1815 North Kimball Avenue, Chicago, Illinois 60647.* Wheaton, Illinois.

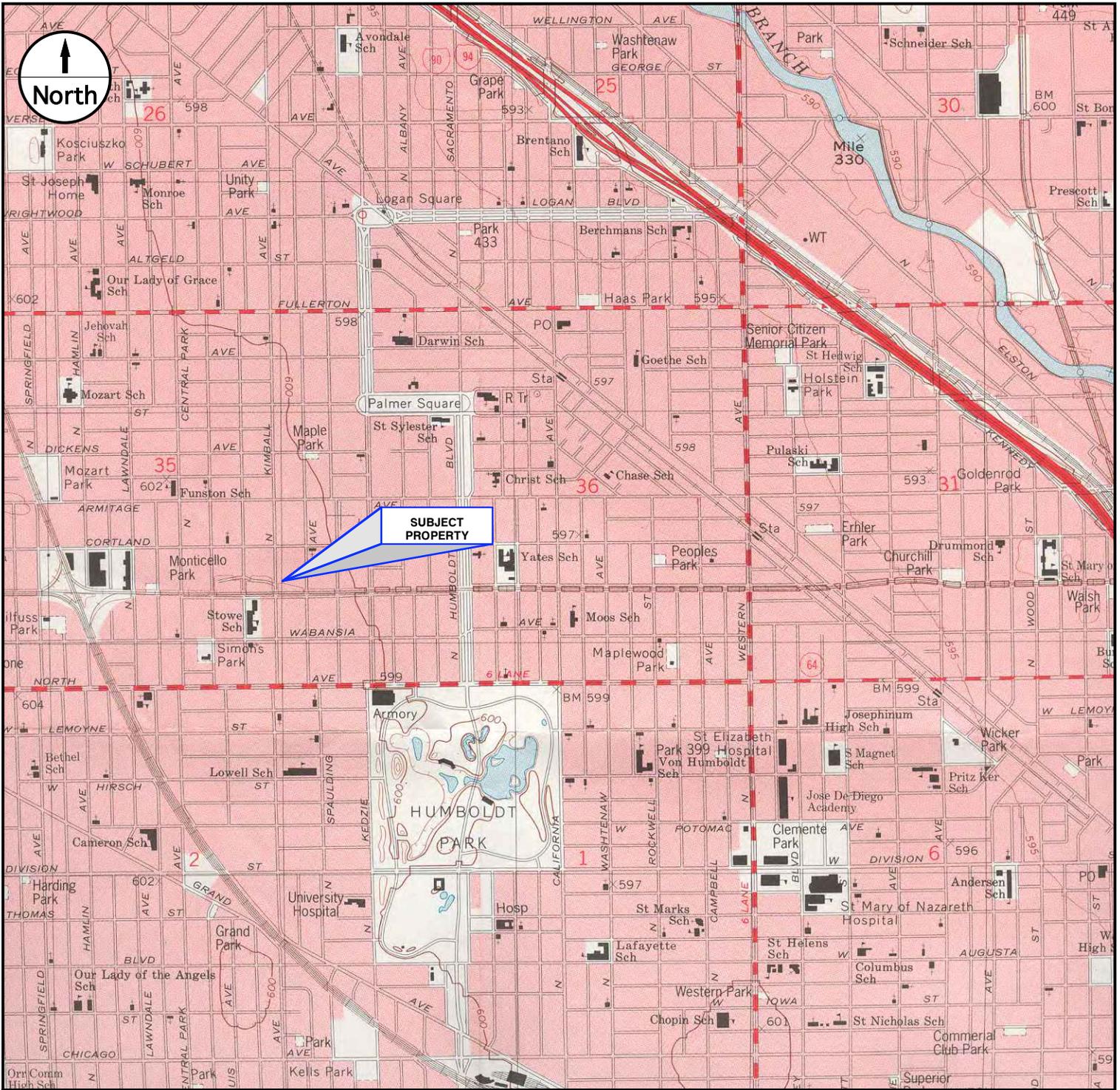
Illinois Pollution Control Board. February 23, 2007. *Tiered Approach to Corrective Action Objectives.* Title 35 Illinois Administrative Code, Part 742. Springfield, Illinois.

Illinois Pollution Control Board. February 17, 2004. *Site Remediation Program.* Springfield, Illinois.

Illinois State Geological Survey. 1971. *Circular 460 Summary of the Geology in the Chicago Area.* Springfield, Illinois.

United States Geological Survey. 1997. *Chicago Loop 7.5 Minute Quadrangle Map.* Washington DC.

## **FIGURES**



Adapted From: USGS Topographic Map  
Chicago Loop - 1997 - 7.5 Minute Series



**Brecheisen  
Engineering,  
Inc.**

Scale: 1 : 24,000

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

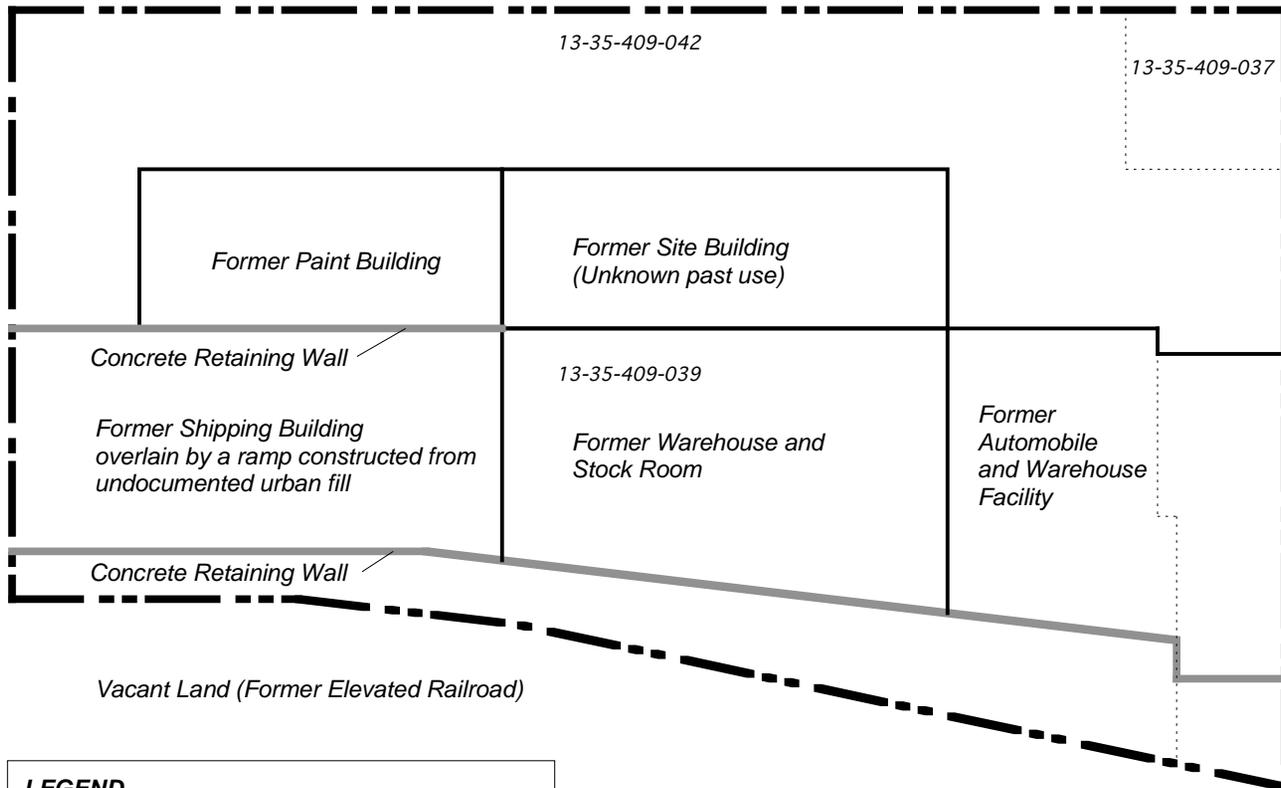
**Figure 1**  
Site Location Map

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**

-  Site Boundary
-  PIN Boundary
-  Concrete Retaining Wall
-  Former Site Building Footprint



**Brecheisen Engineering, Inc.**

Scale: 0  30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: Site boundaries adapted from Cook County Assessor's Website.

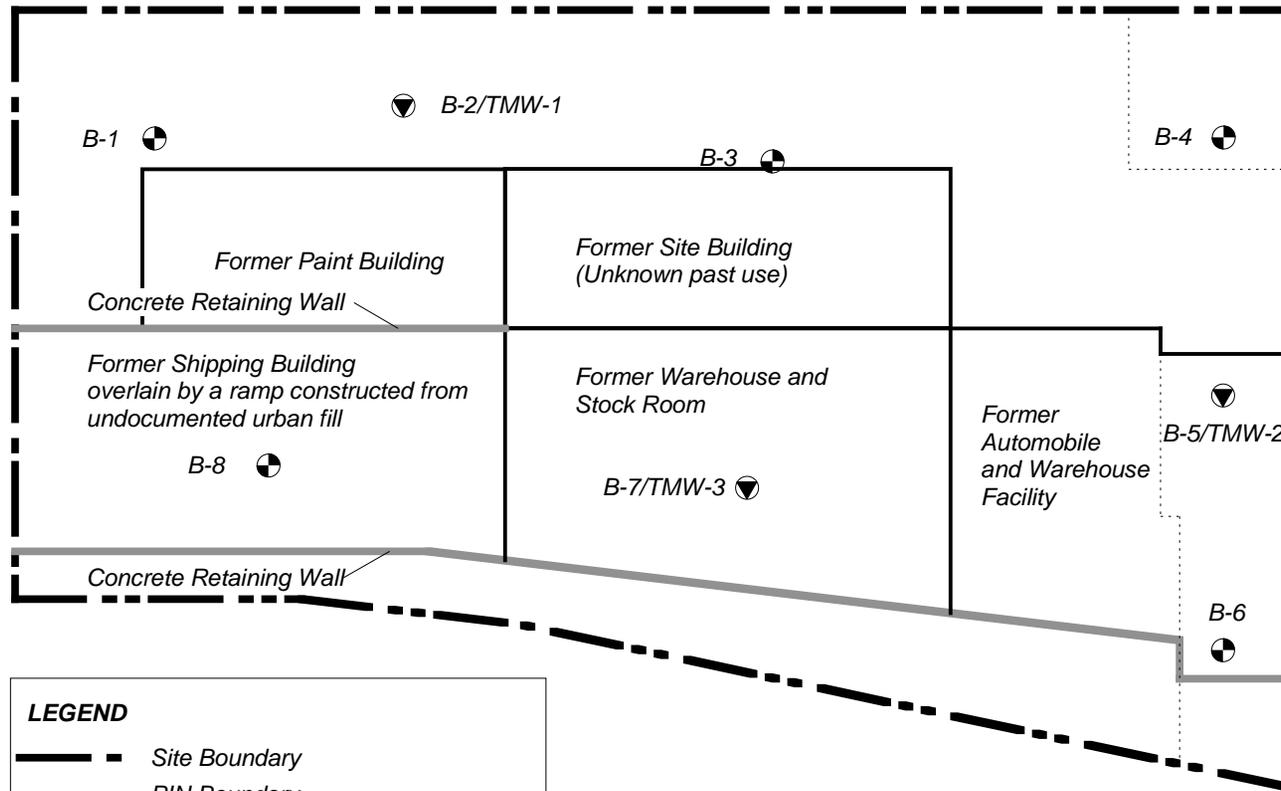
**FIGURE 2**  
Site Features Map

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co. Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp. Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**

- Site Boundary
- PIN Boundary
- Concrete Retaining Wall
- Former Site Building Footprint
- Soil Boring Location
- Monitoring Well Location



**Brecheisen Engineering, Inc.**

Scale: 0 30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: Site boundaries adapted from Cook County Assessor's Website.

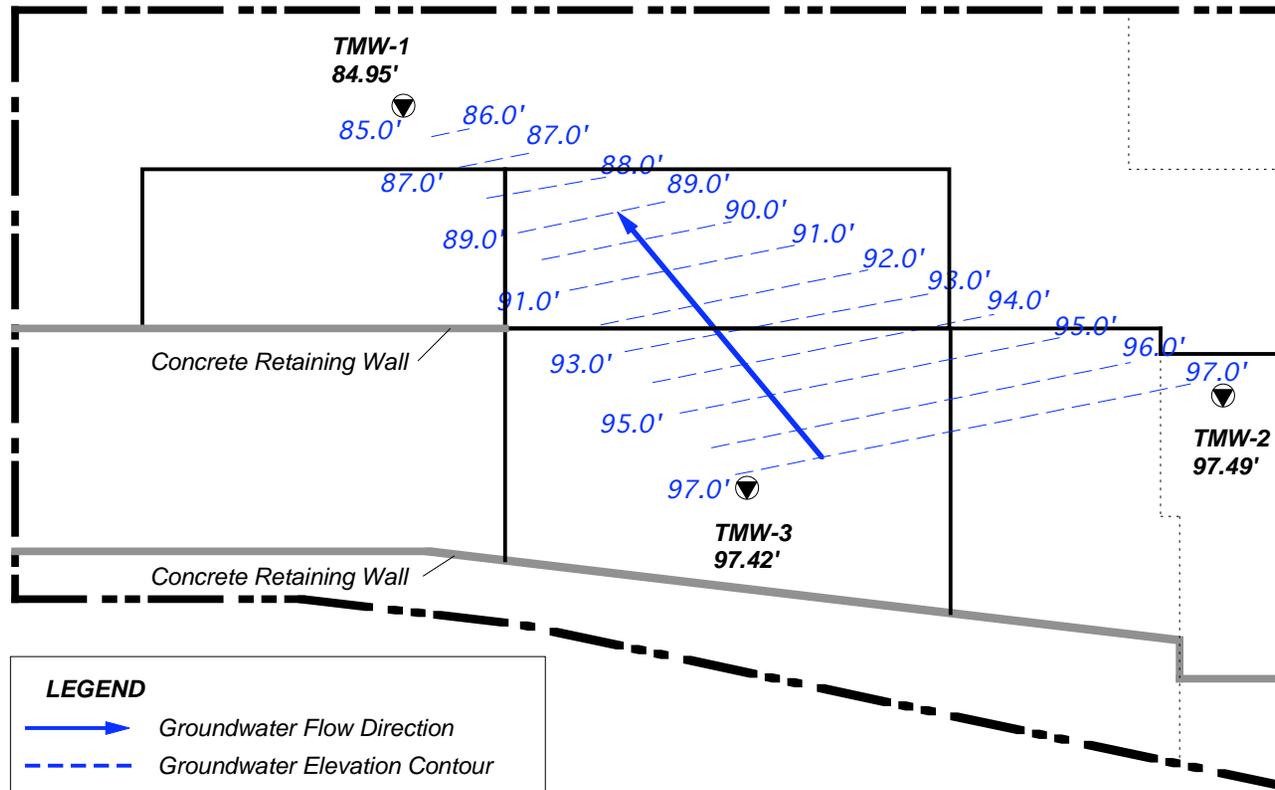
**FIGURE 3**  
Soil and Groundwater Sampling Locations

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**

-  Groundwater Flow Direction
-  Groundwater Elevation Contour
-  Site Boundary
-  PIN Boundary
-  Concrete Retaining Wall
-  Former Site Building Footprint
-  Monitoring Well Location



**Brecheisen  
Engineering,  
Inc.**

Scale: 0  30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: Depth-to-water measured 8-5-10.

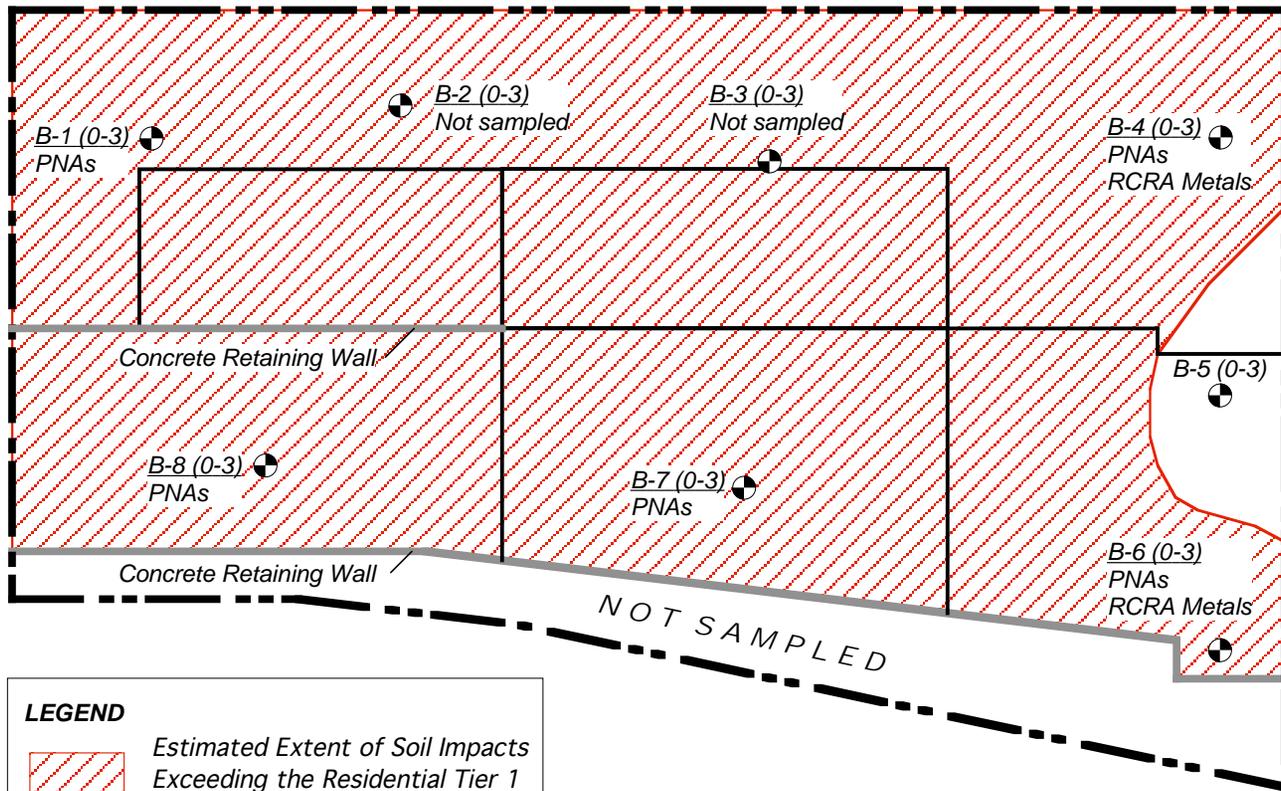
**FIGURE 4**  
Groundwater Contour Map

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture  
manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**

-  Estimated Extent of Soil Impacts Exceeding the Residential Tier 1 SROs for Soil Ingestion
-  Site Boundary
-  Concrete Retaining Wall
-  Former Site Building Footprint
-  Soil Boring Location

See Table 3.2.1 for additional details regarding contaminant distribution.



**Brecheisen Engineering, Inc.**

Scale: 0  30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: No samples analyzed from 0-3 feet bgs at B-2 & B-3 due to No Recovery.

**FIGURE 5A**

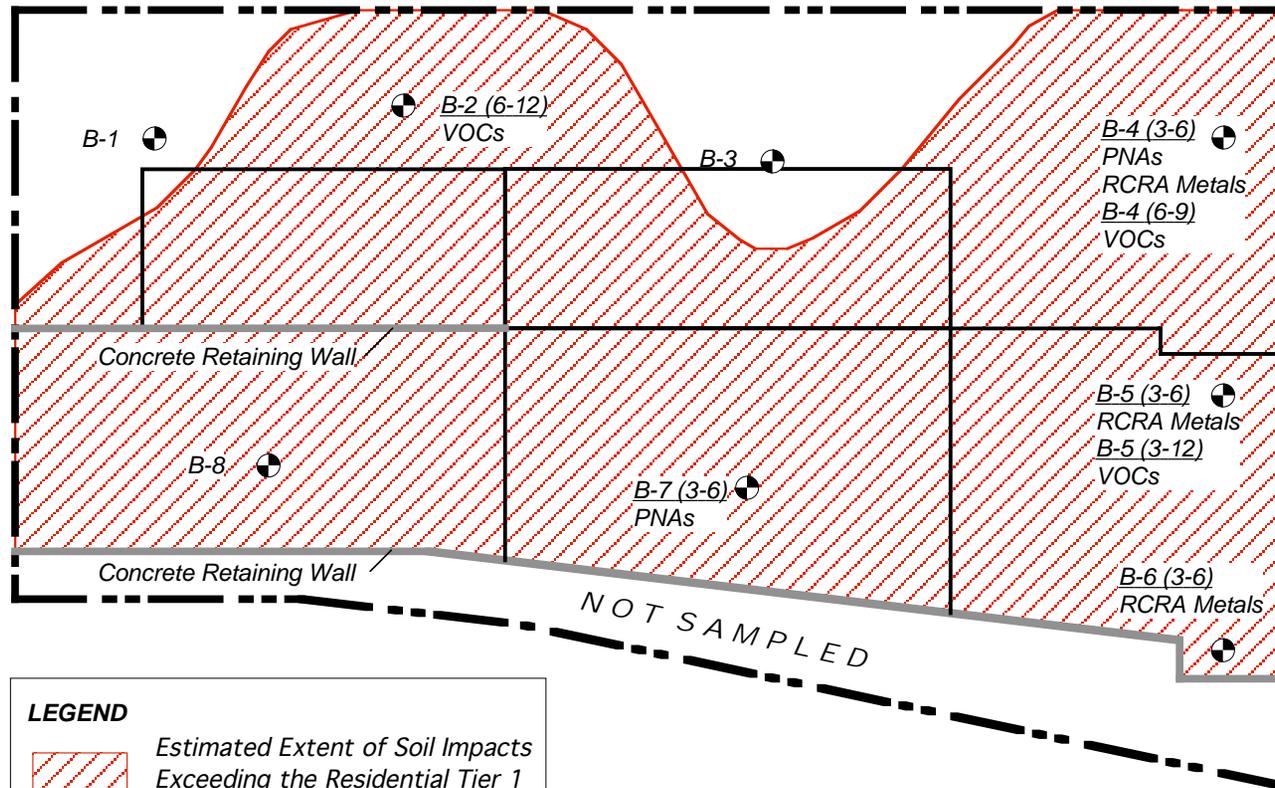
Soil Ingestion Exceedances for Surficial Soil (0-3 feet bsg)

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



**LEGEND**

-  Estimated Extent of Soil Impacts Exceeding the Residential Tier 1 SROs for Soil Ingestion
-  Site Boundary
-  Concrete Retaining Wall
-  Former Site Building Footprint
-  Soil Boring Location

Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

NOT SAMPLED

See Table 3.2.1 for additional details regarding contaminant distribution.



**Brecheisen Engineering, Inc.**

Scale: 0  30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: No subsurface sample collected from B-8.

**FIGURE 5B**

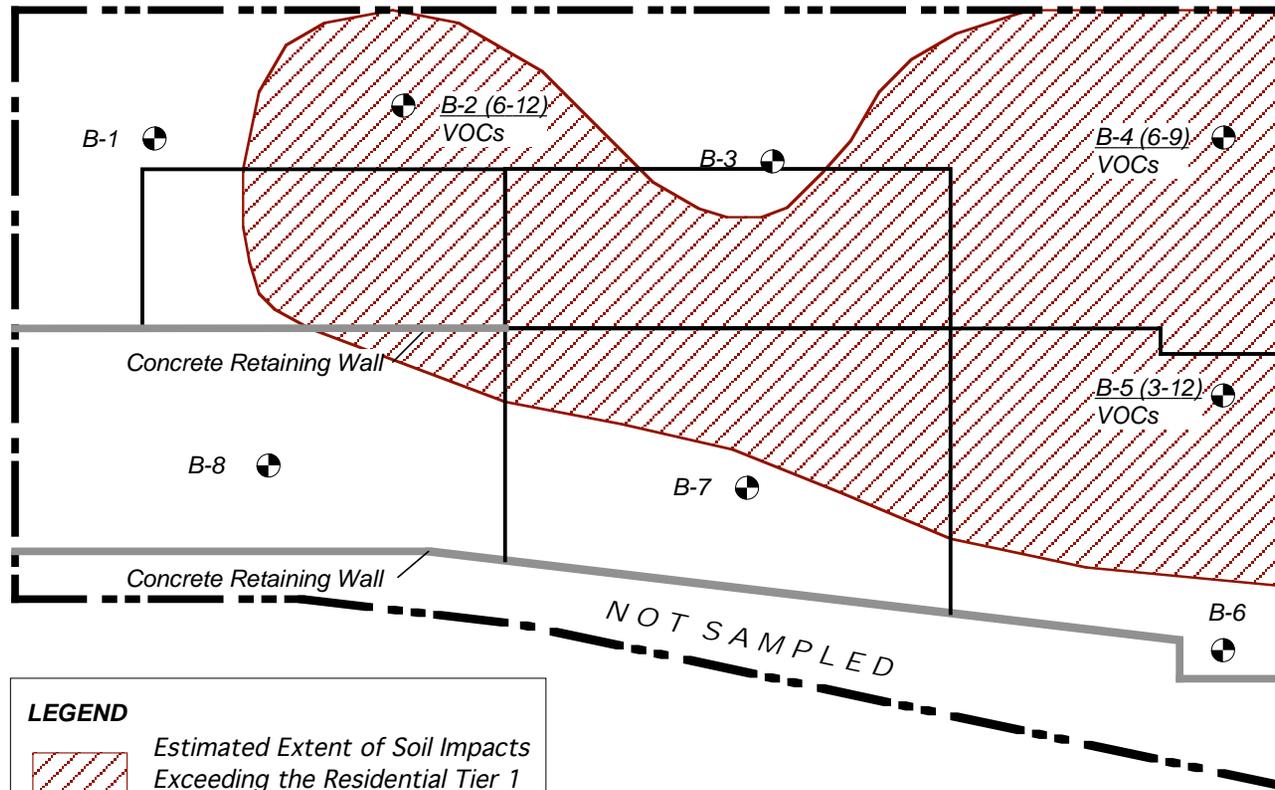
Soil Ingestion Exceedances for Subsurface Soil (3-12 feet bsg)

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture  
manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**

-  Estimated Extent of Soil Impacts Exceeding the Residential Tier 1 SROs for Soil Inhalation
-  Site Boundary
-  Concrete Retaining Wall
-  Former Site Building Footprint
-  Soil Boring Location

See Table 3.2.2 for additional details regarding contaminant distribution.



**Brecheisen  
Engineering,  
Inc.**

Scale: 0  30'  
Date: September 23, 2010  
Project No: 10-DOE-0012  
Drawn By: TAB

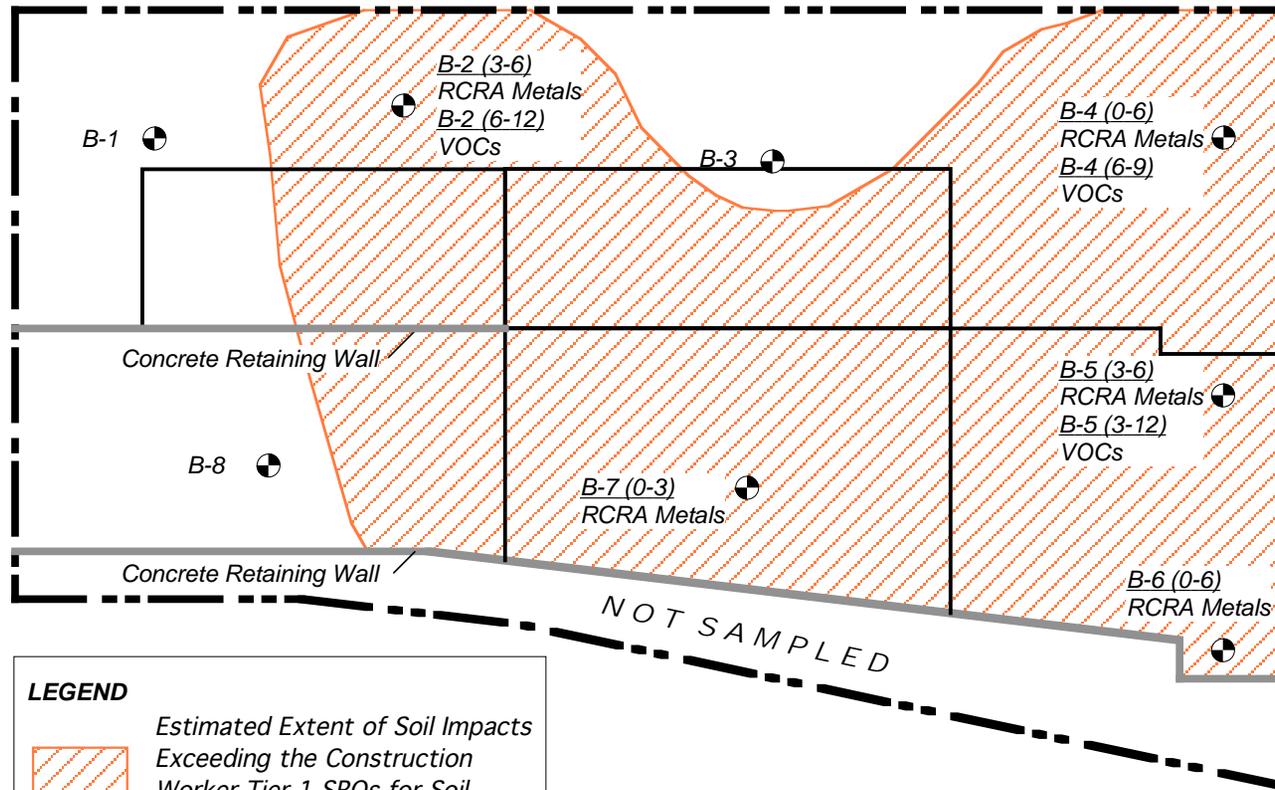
**FIGURE 6**  
Soil Inhalation Exceedances

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**

-  Estimated Extent of Soil Impacts Exceeding the Construction Worker Tier 1 SROs for Soil Ingestion and Inhalation
-  Site Boundary
-  Concrete Retaining Wall
-  Former Site Building Footprint
-  Soil Boring Location

See Table 3.2.3 for additional details regarding contaminant distribution.



**Brecheisen Engineering, Inc.**

Scale: 0  30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: No samples analyzed from 0-3 feet bgs at B-2 & B-3 due to No Recovery.

**FIGURE 7**

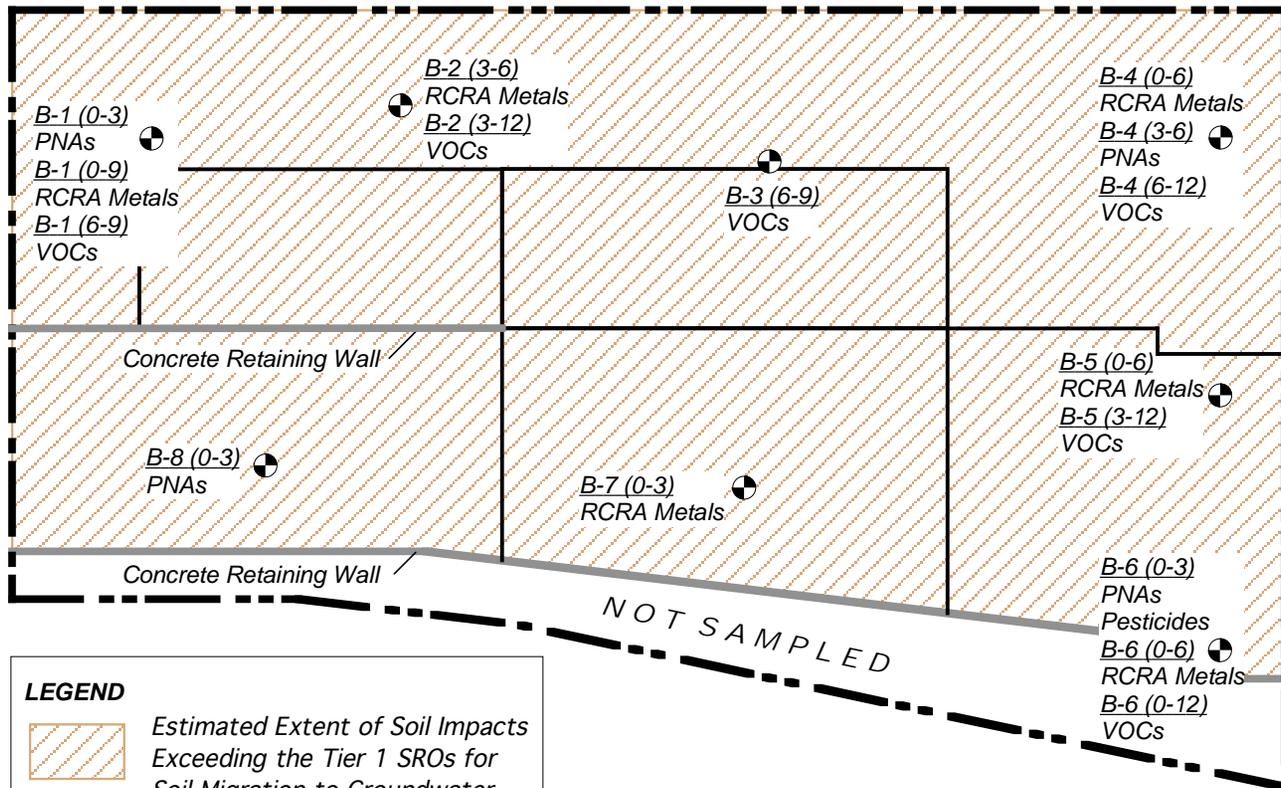
Construction Worker Exceedances

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



Residential Property

N. KIMBALL AVE.



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

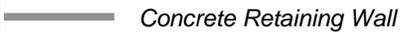
**LEGEND**



Estimated Extent of Soil Impacts Exceeding the Tier 1 SROs for Soil Migration to Groundwater



Site Boundary



Concrete Retaining Wall



Former Site Building Footprint



Soil Boring Location

See Table 3.2.4 for additional details regarding contaminant distribution.



**Brecheisen Engineering, Inc.**

Scale: 0 30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

**FIGURE 8**

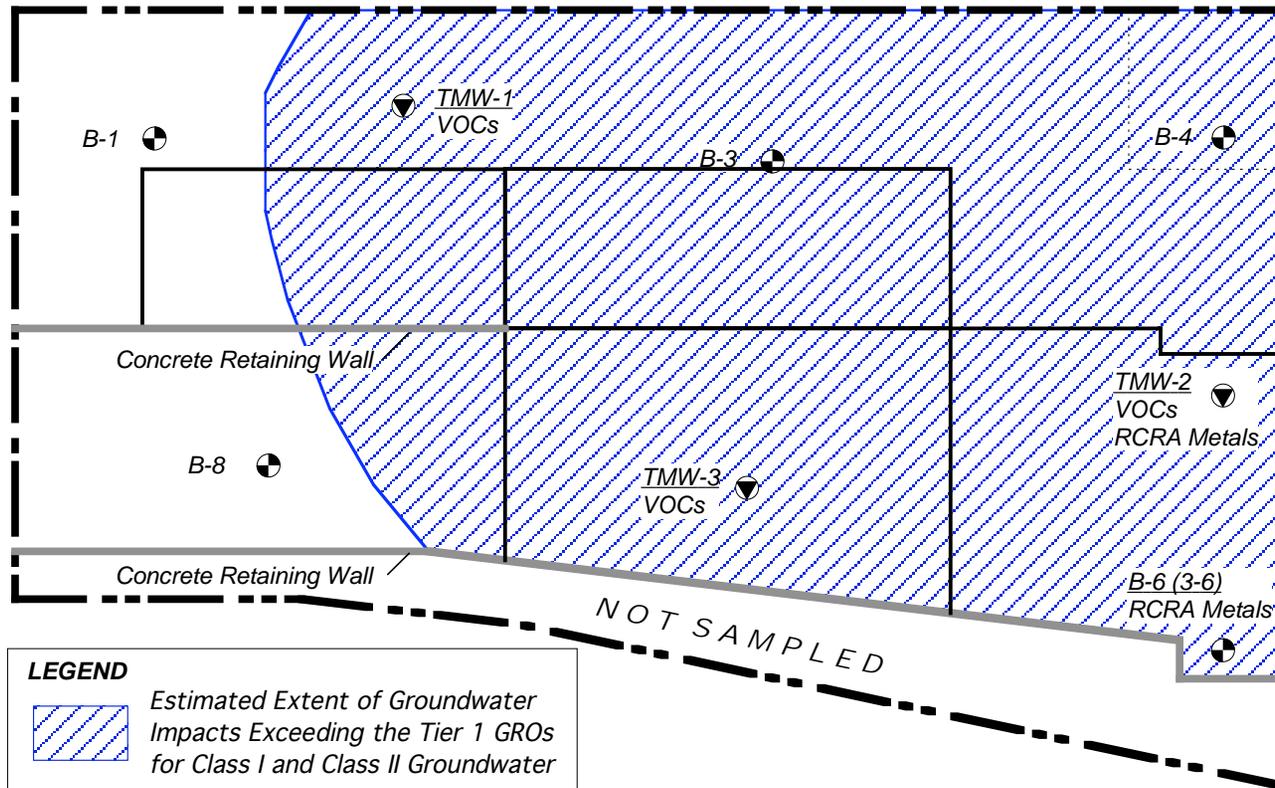
Soil Migration to Groundwater Exceedances

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647



N. KIMBALL AVE.

Residential Property



Residential Property

Former American Laundry Machinery Co.  
Machine Shop  
Painting  
Woodworking  
Casting

Former Compco Corp.  
Fluorescent Fixture manufacturing  
RCRA Non-Gen  
RCRA SQG

Former USTs (2)  
23,000-gal Heating Oil  
25,000-gal Heating Oil

**LEGEND**



Estimated Extent of Groundwater Impacts Exceeding the Tier 1 GROs for Class I and Class II Groundwater



Site Boundary



Concrete Retaining Wall



Former Site Building Footprint



Soil Boring Location



Monitoring Well Location

NOT SAMPLED

See Table 3.2.5 for additional details regarding contaminant distribution.



**Brecheisen Engineering, Inc.**

Scale: 0 30'

Date: September 23, 2010

Project No: 10-DOE-0012

Drawn By: TAB

Note: TCLP RCRA Metals results from B-6 (3-6) used.

**FIGURE 9**

Groundwater Exceedances (Class I and Class II)

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

## **TABLES**



**Table 2**  
Soil Analytical Results  
SVOCs/PNAs  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-4	Tier 1 SROs						
										Residential			Construction Worker		Migration to Groundwater	
										Ingestion	Inhalation		Ingestion	Inhalation	Class I	Class II
1,2,4-Trichlorobenzene	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	780	3,200	2,000	920	5	53	
1,2-Dichlorobenzene	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	7,000	560	18,000	310	17	43	
1,3-Dichlorobenzene	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	--	--	--	--	--	--	
1,4-Dichlorobenzene	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	--	11,000	--	340	2	11	
2,4,5-Trichlorophenol	NS	NS	<0.22	<0.22	NS	NS	<0.22	NS	<0.22	7,800	--	200,000	--	270	1,400	
2,4,6-Trichlorophenol	NS	NS	<0.06	<0.06	NS	NS	<0.06	NS	<0.06	58	200	11,000	540	0.2	0.77	
2,4-Dichlorophenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	230	--	610	--	1	1	
2,4-Dimethylphenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	1,600	--	41,000	--	9	9	
2,4-Dinitrophenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	160	--	410	--	0.2	0.2	
2,4-Dinitrotoluene	NS	NS	<0.21	<0.21	NS	NS	<0.21	NS	<0.21	0.9	--	180	--	0.0008	0.0008	
2,6-Dinitrotoluene	NS	NS	<0.1	<0.1	NS	NS	<0.1	NS	<0.1	0.9	--	180	--	0.0007	0.0007	
2-Chloronaphthalene	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	6,300 <sup>a</sup>	--	160,000 <sup>a</sup>	--	49 <sup>a</sup>	240 <sup>a</sup>	
2-Chlorophenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	390	53,000	10,000	53,000	4	4	
2-Methylnaphthalene	NS	NS	<0.12	<0.12	NS	NS	<0.12	NS	<0.12	--	--	--	--	--	--	
2-Methylphenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	3,900	--	100,000	--	15	15	
2-Nitroaniline	NS	NS	<3.300	<3.300	NS	NS	<3.300	NS	<3.300	230 <sup>a</sup>	35 <sup>a</sup>	610 <sup>a</sup>	3.6 <sup>a</sup>	0.14 <sup>a</sup>	0.14 <sup>a</sup>	
2-Nitrophenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	--	--	--	--	--	--	
3,3'-Dichlorobenzidine	NS	NS	<0.11	<0.11	NS	NS	<0.11	NS	<0.11	1	--	280	--	0.007	0.033	
3/4 Methylphenol	NS	NS	<0.830	<0.830	NS	NS	<0.830	NS	<0.830	--	--	--	--	--	--	
3-Nitroaniline	NS	NS	<3.300	<3.300	NS	NS	<3.300	NS	<3.300	23 <sup>a</sup>	250 <sup>a</sup>	61 <sup>a</sup>	26 <sup>a</sup>	0.01 <sup>a</sup>	0.01 <sup>a</sup>	
4,6-Dinitro-2-methylphenol	NS	NS	<2.00	<2.00	NS	NS	<2.00	NS	<2.00	--	--	--	--	--	--	
4-Bromophenyl phenyl ether	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	--	--	--	--	--	--	
4-Chloro-3-methylphenol	NS	NS	<1.300	<1.300	NS	NS	<1.300	NS	<1.300	--	--	--	--	--	--	
4-Chloroaniline	NS	NS	<0.330	<0.330	NS	NS	<0.330	NS	<0.330	310	--	820	--	0.7	0.7	
4-Chlorophenyl phenyl ether	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	--	--	--	--	--	--	
4-Nitroaniline	NS	NS	<3.300	<3.300	NS	NS	<3.300	NS	<3.300	230 <sup>a</sup>	1,000 <sup>a</sup>	610 <sup>a</sup>	110 <sup>a</sup>	0.10 <sup>a</sup>	0.10 <sup>a</sup>	
4-Nitrophenol	NS	NS	<3.300	<3.300	NS	NS	<3.300	NS	<3.300	--	--	--	--	--	--	
Acenaphthene	<0.05	<0.05	<0.15	<0.15	<0.05	<0.05	<0.15	0.13	<0.15	4,700	---	120,000	---	570	2,900	
Acenaphthylene	<0.05	<0.05	<0.07	<0.07	<0.05	<0.05	<0.07	0.1	<0.07	2,300 <sup>a</sup>	---	61,000 <sup>a</sup>	---	85 <sup>a</sup>	420 <sup>a</sup>	
Anthracene	0.12	<0.08	<0.30	<0.30	<0.08	<0.08	0.36	0.87	<0.30	23,000	---	610,000	---	12,000	59,000	
Benzo(a)anthracene	<b>2.42</b>	<0.008	<0.07	<0.07	<0.008	<0.008	<b>1.28</b>	<b>2.83</b>	<0.07	1.1 <sup>b</sup>	---	170	---	2	8	
Benzo(a)pyrene	<b>4.58</b>	<0.02	<0.07	<0.07	<0.02	<0.02	1.15	<b>2.77</b>	<0.07	1.3 <sup>b</sup>	---	17	---	8	82	
Benzo(b)fluoranthene	<b>6.29</b>	0.05	<0.06	<0.06	<0.01	<0.01	<b>1.57</b>	<b>3.48</b>	<0.06	1.5 <sup>b</sup>	---	170	---	5	25	
Benzo(g,h,i)perylene	3.76	0.15	<0.12	<0.12	<0.02	<0.02	0.6	1.7	<0.12	2,300 <sup>a</sup>	---	61,000 <sup>a</sup>	---	27,000 <sup>a</sup>	130,000 <sup>a</sup>	
Benzo(k)fluoranthene	2.09	0.02	<0.12	<0.12	<0.01	<0.01	0.68	0.97	<0.12	9	---	1,700	---	49	250	
Benzyl alcohol	NS	NS	<1.300	<1.300	NS	NS	<1.300	NS	<1.300	39,000 <sup>a</sup>	6,100 <sup>a</sup>	200,000 <sup>a</sup>	6,100 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>	
Bis(2-chloroethoxy)methane	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	--	--	--	--	--	--	
Bis(2-chloroethyl)ether	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	0.6	0.2	75	0.66	0.0004	0.0004	
Bis(2-chloroisopropyl)ether	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	3,100 <sup>a</sup>	1,300 <sup>a</sup>	8,200 <sup>a</sup>	1,300 <sup>a</sup>	2.4 <sup>a</sup>	2.4 <sup>a</sup>	
Bis(2-ethylhexyl)phthalate	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	46	31,000	4,100	31,000	3,600	31,000	
Butyl benzyl phthalate	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	16,000	930	410,000	930	930	930	
Carbazole	NS	NS	<0.13	<0.13	NS	NS	<0.13	NS	<0.13	32	--	6,200	--	0.6	2.8	
Chrysene	2.58	<0.05	<0.09	<0.09	<0.05	<0.05	1.67	2.58	<0.09	88	---	17,000	---	160	800	
Dibenzo(a,h)anthracene	<b>0.25</b>	<0.02	<0.11	<0.11	<0.02	<0.02	<0.11	0.1	<0.11	0.2 <sup>b</sup>	---	17	---	2	7.6	
Dibenzofuran	NS	NS	<0.22	<0.22	NS	NS	<0.22	NS	<0.22	--	--	820 <sup>a</sup>	--	--	--	
Diethyl phthalate	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	63,000	2,000	1,000,000	2,000	470	470	
Dimethyl phthalate	NS	NS	<3.300	<3.300	NS	NS	<3.300	NS	<3.300	--	--	--	--	--	--	
Di-n-butyl phthalate	NS	NS	<0.500	<0.500	NS	NS	<0.500	NS	<0.500	7,800	2,300	200,000	2,300	2,300	2,300	
Di-n-octyl phthalate	NS	NS	<0.860	<0.860	NS	NS	<0.860	NS	<0.860	1,600	10,000	4,100	10,000	10,000	10,000	
Fluoranthene	2.16	<0.05	0.18	<0.09	<0.05	<0.05	2.33	4.95	<0.09	3,100	---	82,000	---	4,300	21,000	
Fluorene	<0.03	<0.03	<0.14	<0.14	<0.03	<0.03	<0.14	0.18	<0.14	3,100	---	82,000	---	560	2,800	
Hexachlorobenzene	NS	NS	<0.07	<0.07	NS	NS	<0.07	NS	<0.07	0.4	1	78	2.6	2	11	
Hexachlorobutadiene	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	78 <sup>a</sup>	150 <sup>a</sup>	200 <sup>a</sup>	72 <sup>a</sup>	2.2 <sup>a</sup>	11 <sup>a</sup>	
Hexachlorocyclopentadiene	NS	NS	<0.17	<0.17	NS	NS	<0.17	NS	<0.17	550	10	14,000	1.1	400	2,200	
Hexachloroethane	NS	NS	<0.13	<0.13	NS	NS	<0.13	NS	<0.13	78	--	2,000	--	0.5	2.6	
Indeno(1,2,3-cd)pyrene	<b>3.45</b>	0.11	<0.13	<0.13	<0.02	<0.02	0.48	<b>1.43</b>	<0.13	0.86 <sup>b</sup>	---	170	---	14	69	
Isophorone	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	15,600	4,600	410,000	4,600	8	8	
Naphthalene	<0.05	<0.05	<0.09	<0.09	<0.05	<0.05	<0.09	0.25	<0.09	1,600	170	4,100	1.8	12	18	
Nitrobenzene	NS	NS	<0.24	<0.24	NS	NS	<0.24	NS	<0.24	39	92	1,000	9.4	0.1	0.1	
N-Nitrosodi-n-propylamine	NS	NS	<0.02	<0.02	NS	NS	<0.02	NS	<0.02	0.09	--	18	--	0.00005	0.00005	
N-Nitrosodiphenylamine	NS	NS	<0.670	<0.670	NS	NS	<0.670	NS	<0.670	130	--	25,000	--	1	5.6	
Pentachlorophenol	NS	NS	<0.030	<0.030	NS	NS	<0.030	NS	<0.030	3	--	520	--	0.03	0.14	
Phenanthrene	0.45	<0.03	<0.12	<0.12	<0.03	<0.03	1.66	3.04	<0.12	2,300 <sup>a</sup>	---	61,000 <sup>a</sup>	---	200 <sup>a</sup>	1,000 <sup>a</sup>	
Phenol	NS	NS	<0.660	<0.660	NS	NS	<0.660	NS	<0.660	23,000	--	61,000	--	100	100	
Pyrene	1.94	<0.05	0.23	<0.07	<0.05	<0.05	2.45	4.7	<0.07	2,300	---	61,000	---	4,200	21,000	

**NOTES**

All concentrations listed in mg/kg (ppm).

Tier 1 SROs from 35 IAC 742, Appendix B, Tables A and B.

All samples analyzed pursuant to SW-846 USEPA Method 8270C.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

NS denotes "not sampled" for that analyte.

**Bold print** indicates analyte exceeded Tier 1 SRO.

<sup>a</sup>Tier 1 SRO from IEPA issued "Chemicals not in TACO Tier 1 Tables (revised 1/6/09)

**Table 2**  
Soil Analytical Results  
SVOCs/PNAs  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	Sample Location									Tier 1 SROs					
	B-5	B-5	B-5	B-6	B-6	B-7	B-7	B-7	B-8	Residential		Construction Worker		Migration to Groundwater	
	(0-3)	(3-6)	(6-9)	(0-3)	(3-6)	(0-3)	(3-6)	(6-9)	(0-3)	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
Sample Date	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10						
1,2,4-Trichlorobenzene	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	780	3,200	2,000	920	5	53
1,2-Dichlorobenzene	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	7,000	560	18,000	310	17	43
1,3-Dichlorobenzene	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	--	--	--	--	--	--
1,4-Dichlorobenzene	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	--	11,000	--	340	2	11
2,4,5-Trichlorophenol	NS	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	NS	NS	7,800	--	200,000	--	270	1,400
2,4,6-Trichlorophenol	NS	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	NS	NS	58	200	11,000	540	0.2	0.77
2,4-Dichlorophenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	230	--	610	--	1	1
2,4-Dimethylphenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	1,600	--	41,000	--	9	9
2,4-Dinitrophenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	160	--	410	--	0.2	0.2
2,4-Dinitrotoluene	NS	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	NS	NS	0.9	--	180	--	0.0008	0.0008
2,6-Dinitrotoluene	NS	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NS	NS	0.9	--	180	--	0.0007	0.0007
2-Chloronaphthalene	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	6,300 <sup>a</sup>	--	160,000 <sup>a</sup>	--	49 <sup>a</sup>	240 <sup>a</sup>
2-Chlorophenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	390	53,000	10,000	53,000	4	4
2-Methylnaphthalene	NS	0.64	<0.12	0.19	<0.12	<0.12	0.4	NS	NS	--	--	--	--	--	--
2-Methylphenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	3,900	--	100,000	--	15	15
2-Nitroaniline	NS	<3.300	<3.300	<3.300	<3.300	<3.300	<3.300	NS	NS	230 <sup>a</sup>	35 <sup>a</sup>	610 <sup>a</sup>	3.6 <sup>a</sup>	0.14 <sup>a</sup>	0.14 <sup>a</sup>
2-Nitrophenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	--	--	--	--	--	--
3,3'-Dichlorobenzidine	NS	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	NS	NS	1	--	280	--	0.007	0.033
3/4 Methylphenol	NS	<0.830	<0.830	<0.830	<0.830	<0.830	<0.830	NS	NS	--	--	--	--	--	--
3-Nitroaniline	NS	<3.300	<3.300	<3.300	<3.300	<3.300	<3.300	NS	NS	23 <sup>a</sup>	250 <sup>a</sup>	61 <sup>a</sup>	26 <sup>a</sup>	0.01 <sup>a</sup>	0.01 <sup>a</sup>
4,6-Dinitro-2-methylphenol	NS	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NS	NS	--	--	--	--	--	--
4-Bromophenyl phenyl ether	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	--	--	--	--	--	--
4-Chloro-3-methylphenol	NS	<1.300	<1.300	<1.300	<1.300	<1.300	<1.300	NS	NS	--	--	--	--	--	--
4-Chloroaniline	NS	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	NS	NS	310	--	820	--	0.7	0.7
4-Chlorophenyl phenyl ether	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	--	--	--	--	--	--
4-Nitroaniline	NS	<3.300	<3.300	<3.300	<3.300	<3.300	<3.300	NS	NS	230 <sup>a</sup>	1,000 <sup>a</sup>	610 <sup>a</sup>	110 <sup>a</sup>	0.10 <sup>a</sup>	0.10 <sup>a</sup>
4-Nitrophenol	NS	<3.300	<3.300	<3.300	<3.300	<3.300	<3.300	NS	NS	--	--	--	--	--	--
Acenaphthene	<0.05	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.05	0.67	4,700	---	120,000	---	570	2,900
Acenaphthylene	<0.05	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.05	0.35	2,300 <sup>a</sup>	---	61,000 <sup>a</sup>	---	85 <sup>a</sup>	420 <sup>a</sup>
Anthracene	<0.08	0.39	<0.30	0.73	<0.30	0.41	0.43	<0.08	2.47	23,000	---	610,000	---	12,000	59,000
Benzo(a)anthracene	0.12	1.07	<0.07	<b>2.42</b>	0.21	<b>1.76</b>	<b>1.65</b>	<0.008	<b>9.27</b>	1.1 <sup>b</sup>	---	170	---	2	8
Benzo(a)pyrene	0.11	1.1	<0.07	<b>2.21</b>	0.29	<b>1.91</b>	<b>1.88</b>	<0.02	<b>9.36</b>	1.3 <sup>b</sup>	---	17	---	8	82
Benzo(b)fluoranthene	0.15	1.2	<0.06	<b>2.67</b>	0.36	<b>2.24</b>	<b>2.03</b>	<0.01	<b>11.5</b>	1.5 <sup>b</sup>	---	170	---	5	25
Benzo(g,h,i)perylene	0.17	0.69	<0.12	0.99	0.25	1.21	1.21	<0.02	4.63	2,300 <sup>a</sup>	---	61,000 <sup>a</sup>	---	27,000 <sup>a</sup>	130,000 <sup>a</sup>
Benzo(k)fluoranthene	0.07	0.4	<0.12	0.81	0.16	0.66	0.75	<0.01	3.95	9	---	1,700	---	49	250
Benzyl alcohol	NS	<1.300	<1.300	<1.300	<1.300	<1.300	<1.300	NS	NS	39,000 <sup>a</sup>	6,100 <sup>a</sup>	200,000 <sup>a</sup>	6,100 <sup>a</sup>	15 <sup>a</sup>	15 <sup>a</sup>
Bis(2-chloroethoxy)methane	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	--	--	--	--	--	--
Bis(2-chloroethyl)ether	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	0.6	0.2	75	0.66	0.0004	0.0004
Bis(2-chloroisopropyl)ether	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	3,100 <sup>a</sup>	1,300 <sup>a</sup>	8,200 <sup>a</sup>	1,300 <sup>a</sup>	2.4 <sup>a</sup>	2.4 <sup>a</sup>
Bis(2-ethylhexyl)phthalate	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	46	31,000	4,100	31,000	3,600	31,000
Butyl benzyl phthalate	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	16,000	930	410,000	930	930	930
Carbazole	NS	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	NS	NS	32	--	6,200	--	0.6	2.8
Chrysene	0.11	0.97	<0.09	2.2	0.25	1.95	1.53	<0.05	8.17	88	---	17,000	---	160	800
Dibenzo(a,h)anthracene	<0.02	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.02	<b>0.35</b>	0.2 <sup>b</sup>	---	17	---	2	7.6
Dibenzofuran	NS	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	NS	NS	--	--	820 <sup>a</sup>	--	--	--
Diethyl phthalate	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	63,000	2,000	1,000,000	2,000	470	470
Dimethyl phthalate	NS	<3.300	<3.300	<3.300	<3.300	<3.300	<3.300	NS	NS	--	--	--	--	--	--
Di-n-butyl phthalate	NS	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NS	NS	7,800	2,300	200,000	2,300	2,300	2,300
Di-n-octyl phthalate	NS	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	NS	NS	1,600	10,000	4,100	10,000	10,000	10,000
Fluoranthene	0.21	1.9	<0.09	4.26	0.3	3.38	3.25	<0.05	17.6	3,100	---	82,000	---	4,300	21,000
Fluorene	<0.03	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.03	0.78	3,100	---	82,000	---	560	2,800
Hexachlorobenzene	NS	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	NS	NS	0.4	1	78	2.6	2	11
Hexachlorobutadiene	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	78 <sup>a</sup>	150 <sup>a</sup>	200 <sup>a</sup>	72 <sup>a</sup>	2.2 <sup>a</sup>	11 <sup>a</sup>
Hexachlorocyclopentadiene	NS	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	NS	NS	550	10	14,000	1.1	400	2,200
Hexachloroethane	NS	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	NS	NS	78	--	2,000	--	0.5	2.6
Indeno(1,2,3-cd)pyrene	0.12	0.46	<0.13	<b>0.88</b>	0.19	0.82	<b>0.87</b>	<0.02	<b>4.29</b>	0.86 <sup>b</sup>	---	170	---	14	69
Isophorone	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	15,600	4,600	410,000	4,600	8	8
Naphthalene	<0.05	0.49	<0.09	0.25	<0.09	<0.09	0.37	<0.05	0.41	1,600	170	4,100	1.8	12	18
Nitrobenzene	NS	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	NS	NS	39	92	1,000	9.4	0.1	0.1
N-Nitrosodi-n-propylamine	NS	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	NS	NS	0.09	--	18	--	0.00005	0.00005
N-Nitrosodiphenylamine	NS	<0.670	<0.670	<0.670	<0.670	<0.670	<0.670	NS	NS	130	--	25,000	--	1	5.6
Pentachlorophenol	NS	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	NS	NS	3	--	520	--	0.03	0.14
Phenanthrene	0.08	1.86	<0.12	3.95	<0.12	2.25	2.51	<0.03	7.63	2,300 <sup>a</sup>	---	61,000 <sup>a</sup>	---	200 <sup>a</sup>	1,000 <sup>a</sup>
Phenol	NS	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	NS	NS	23,000	--	61,000	--	100	100
Pyrene	0.19	2.57	<0.07	5.47	0.44	4.56	4.77	<0.05	15.2	2,300	---	61,000	---	4,200	21,000

**NOTES**

All concentrations listed in mg/kg (ppm).  
Tier 1 SROs from 35 IAC 742, Appendix B, Tables A and B.  
All samples analyzed pursuant to SW-846 USEPA Method 8270C.  
"<" indicates that analyte was not detected at stated detection limit.  
"--" indicates value not available in 35 IAC 742.  
"NS" denotes "not sampled" for that analyte.  
**Bold print** indicates analyte exceeded Tier 1 SRO.  
<sup>a</sup>Tier 1 SRO from IEPA issued "Chemicals not in TACO Tier 1 Tables (revised 1/6/09)

**Table 3**  
Soil Analytical Results  
PCBs / Pesticides  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	B-1	B-2	B-3	B-4	B-5	B-5	B-6	B-6	B-7	Tier 1 SROs					
										Residential		Construction Worker		Migration to Groundwater	
										Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
Aroclor 1016	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	1	--	1	--	--	--
Aroclor 1221	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	1	--	1	--	--	--
Aroclor 1232	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	1	--	1	--	--	--
Aroclor 1242	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	1	--	1	--	--	--
Aroclor 1248	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	1	--	1	--	--	--
Aroclor 1254	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	1	--	1	--	--	--
Aroclor 1260	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	1	--	1	--	--	--
4,4'-DDD	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	3	--	520	--	16	80
4,4'-DDE	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	2	--	370	--	54	270
4,4'-DDT	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.11	2	--	100	2,100	32	160
Aldrin	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	0.04	3	6.1	9.3	0.5	2.5
alpha-BHC	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	0.1	0.8	20	2.1	0.0005	0.003
beta-BHC	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	--	--	--	--	--	--
Chlordane	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	1.8	72	100	22	10	48
delta-BHC	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	--	--	--	--	--	--
Dieldrin	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	1	7.8	3.1	0.004	0.02
Endosulfan (I & II)	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	470	--	1,200	--	18	90
Endrin	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.07	23	--	61	--	1	5
Endrin aldehyde	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	--	--	--	--	--	--
Endrin ketone	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.05	--	--	--	--	--	--
gamma-BHC	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<b>0.04</b>	<0.008	<0.008	0.5	--	96	--	0.009	0.047
Heptachlor	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	0.1	0.1	28	16	23	110
Heptachlor epoxide	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	0.07	5	2.7	13	0.7	3.3
Methoxychlor	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	<0.080	390	--	1,000	--	160	780
Toxaphene	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	<0.160	0.6	89	110	240	31	150

**NOTES**

All concentrations listed in mg/kg (ppm).

Tier 1 SROs from 35 IAC 742, Appendix B, Tables A and B.

All samples analyzed pursuant to SW-846 USEPA Methods SW8081 and SW8082.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

Blank cells indicate sample not analyzed for that parameter.

**Bold** print indicates analyte exceeded Tier 1 SRO.

**Table 4**  
 Soil Analytical Results  
 Herbicides  
 1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	B-7	B-8	Tier 1 SROs					
			Residential		Construction Worker		Migration to Groundwater	
Sample Depth (ft)	(0-3)	(0-3)	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
Sample Date	8/4/10	8/4/10						
2,4,5-T	<0.010	<0.010	--	--	--	--	--	--
2,4,5-TP (Silvex)	<0.010	<0.010	630	--	1,600	--	11	55
2,4-D	<0.010	<0.010	780	--	2,000	--	1.5	7.7
Dalapon	<0.050	<0.050	2,300	--	6,100	--	0.85	8.50
Dinoseb	<0.020	<0.020	78	--	200	--	0.34	3.40
Picloram	<0.010	<0.010	5,500	--	14,000	--	2	20

**NOTES**

All concentrations listed in mg/kg (ppm).

Tier 1 SROs from 35 IAC 742, Appendix B, Tables A and B.

All samples analyzed pursuant to SW-846 USEPA Methods 8151A.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

Blank cells indicate sample not analyzed for that parameter.

**Bold** print indicates analyte exceeded Tier 1 SRO.

**Table 5**  
Soil Analytical Results  
RCRA Metals  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	B-1	B-1	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-4	Tier 1 SROs					
												Residential		Construction Worker		Migration to Groundwater <sup>a</sup>	
												Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
Sample Depth (ft)	(0-3)	(3-6)	(6-9)	(9-12)	(3-6)	(6-9)	(3-6)	(6-9)	(0-3)	(3-6)	(6-9)						
Sample Date	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10	8/4/10						
pH	10.1	8.1	8.3	NS	8.1	8.7	8.6	8.2	10.8	7.5	NS	--	--	--	--	--	--
Aluminum	NS	NS	NS	NS	22,000	NS	NS	NS	NS	5,400	NS	78,000 <sup>c</sup>	1,000,000 <sup>c</sup>	410,000 <sup>c</sup>	870,000 <sup>c</sup>	3.5 <sup>b,c</sup>	5.0 <sup>b,c</sup>
Antimony	NS	NS	NS	NS	3.3	NS	NS	NS	NS	<b>59</b>	< 2.3	31	---	82	--	5	20
Arsenic	3.3	8.5	NS	NS	11	9.9	4.8	9.5	<b>15</b>	<b>18</b>	2.9	13	750	61	25,000	29	120
Barium	32	110	NS	NS	140	62	84	82	62	220	NS	5,500	690,000	14,000	870,000	1,700	1,700
Beryllium	NS	NS	NS	NS	1.6	NS	NS	NS	NS	0.91	NS	160	1,300	410	44,000	140	17,000
Cadmium	< 0.52	< 0.51	NS	NS	0.69	< 0.58	< 0.59	< 0.57	< 0.55	1.1	NS	78	1,800	200	59,000	11	110
Calcium	NS	NS	NS	NS	14,000	NS	NS	NS	NS	16,000	NS	--	--	--	--	--	--
Chromium	<b>88</b>	<b>38</b>	<b>28</b>	21	<b>37</b>	20	23	25	<b>24</b>	20	NS	230	270	4,100	690	21	--
TCLP Chromium <sup>b</sup>	<0.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	0.1 <sup>b</sup>	1.0 <sup>b</sup>
Cobalt	NS	NS	NS	NS	14	NS	NS	NS	NS	6.4	NS	4,700	--	12,000	--	--	--
Copper	NS	NS	NS	NS	75	NS	NS	NS	NS	2,200	NS	2,900	--	8,200	--	200,000	200,000
Cyanide	NS	NS	NS	NS	< 0.32	NS	NS	NS	NS	< 0.28	NS	1,600	--	4,100	--	40	120
Iron	NS	NS	NS	NS	30,000	NS	NS	NS	NS	<b>86,000</b>	19,000	55,000 <sup>c</sup>	--	140,000 <sup>c</sup>	--	5 <sup>b,c</sup>	5 <sup>b,c</sup>
Lead	14	30	NS	NS	<b>180</b>	16	14	18	<b>200</b>	<b>1,100</b>	14	400	--	700	--	107	1,420
TCLP Lead <sup>b</sup>	NS	NS	NS	NS	<b>NS</b>	NS	NS	NS	NS	NS	NS	--	--	--	--	0.0075 <sup>b</sup>	0.100 <sup>b</sup>
Magnesium	NS	NS	NS	NS	11,000	NS	NS	NS	NS	4,600	NS	325,000	--	730,000	--	--	--
Manganese	NS	NS	NS	NS	330	NS	NS	NS	NS	630	NS	1,600	69,000	4,100	8,700	--	--
Mercury	< 0.025	< 0.029	NS	NS	<b>0.84</b>	< 0.03	< 0.028	< 0.03	<b>0.17</b>	<b>0.38</b>	0.03	23	10	61	0.1	3	16
Nickel	NS	NS	NS	NS	46	NS	NS	NS	NS	16	NS	1,600	13,000	4,100	440,000	180	3,500
Potassium	NS	NS	NS	NS	3,900	NS	NS	NS	NS	690	NS	--	--	--	--	--	--
Selenium	< 1	< 1	NS	NS	<b>3</b>	< 1.2	< 1.2	< 1.1	< 1.1	2.2	NS	390	--	1,000	--	1.3	1.3
Silver	< 1	< 1	NS	NS	< 1.3	< 1.2	< 1.2	< 1.1	< 1.1	1.2	NS	390	--	1,000	--	13	--
Sodium	NS	NS	NS	NS	340	NS	NS	NS	NS	460	NS	--	--	--	--	--	--
Thallium	NS	NS	NS	NS	< 1.3	NS	NS	NS	NS	< 1.1	NS	6.3	--	160	--	3.0	30
Vanadium	NS	NS	NS	NS	42	NS	NS	NS	NS	26	NS	550	--	1,400	--	980	--
Zinc	NS	NS	NS	NS	110	NS	NS	NS	NS	450	NS	23,000	--	61,000	--	7,500	15,000

**NOTES**

All concentrations listed in mg/kg (ppm) except TCLP/SPLP results, denoted with 'b.'

Tier 1 SROs from 35 IAC 742, Appendix B, Tables A, B, C and D.

All samples analyzed pursuant to SW-846 USEPA Method 6010B/7470A.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

"NS" indicates "Not Sampled" for that parameter.

**Bold / Shaded** print indicates analyte exceeded Tier 1 SRO.

<sup>a</sup> Most restrictive value corresponding to detected pH range of 6.9 - 9.0 shown.

Detected levels compared to actual pH-specific Tier 1 SRO for each parameter.

<sup>b</sup> Values in mg/L.

<sup>c</sup> Tier 1 SRO from IEPA issued "Chemicals not in TACO Tier I Tables (revised 1/6/09).

**Table 5**  
Soil Analytical Results  
RCRA Metals  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	B-5 (0-3)	B-5 (3-6)	B-5 (6-9)	B-6 (0-3)	B-6 (3-6)	B-6 (6-9)	B-7 (0-3)	B-7 (3-6)	B-8 (0-3)	Tier 1 SROs					
										Residential		Construction Worker		Migration to Groundwater <sup>a</sup>	
										Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
pH	11.8	7.8	NS	8.3	8.0	8.4	8.5	7.7	8.8	--	--	--	--	--	--
Aluminum	2,800	4,500	NS	78,000 <sup>c</sup>	1,000,000 <sup>c</sup>	410,000 <sup>c</sup>	870,000 <sup>c</sup>	3.5 <sup>b,c</sup>	5.0 <sup>b,c</sup>						
Antimony	<b>17</b>	<b>26</b>	< 2.3	NS	NS	NS	NS	NS	NS	31	---	82	--	5	20
Arsenic	5.4	<b>17</b>	4.6	<b>14</b>	<b>29</b>	5	12	5.3	5.8	13	750	61	25,000	29	120
Barium	51	180	NS	130	230	NS	220	76	200	5,500	690,000	14,000	870,000	1,700	1,700
Beryllium	< 0.5	1.1	NS	160	1,300	410	44,000	140	17,000						
Cadmium	< 0.5	1.8	NS	1.6	3.6	NS	0.78	1.8	0.8	78	1,800	200	59,000	11	110
Calcium	69,000	27,000	NS	--	--	--	--	--	--						
Chromium	9.4	18	NS	22	<b>46</b>	24	<b>33</b>	8.7	19	230	270	4,100	690	21	--
TCLP Chromium <sup>b</sup>	NS	--	--	--	--	0.1 <sup>b</sup>	1.0 <sup>b</sup>								
Cobalt	3	5.8	NS	4,700	--	12,000	--	--	--						
Copper	490	580	NS	2,900	--	8,200	--	200,000	200,000						
Cyanide	< 0.26	< 0.3	NS	1,600	--	4,100	--	40	120						
Iron	27,000	25,000	NS	55,000 <sup>c</sup>	--	140,000 <sup>c</sup>	--	5 <sup>b,c</sup>	5 <sup>b,c</sup>						
Lead	<b>160</b>	<b>840</b>	15	<b>910</b>	<b>2,800</b>	18	<b>180</b>	36	140	400	--	700	--	107	1,420
TCLP Lead <sup>b</sup>	NS	NS	NS	NS	<b>0.43</b>	NS	NS	NS	NS	--	--	--	--	0.0075 <sup>b</sup>	0.100 <sup>b</sup>
Magnesium	24,000	5,900	NS	325,000	--	730,000	--	--	--						
Manganese	410	260	NS	1,600	69,000	4,100	8,700	--	--						
Mercury	0.068	<b>0.42</b>	0.031	<b>0.82</b>	<b>3</b>	0.03	<b>0.15</b>	< 0.034	0.063	23	10	61	0.1	3	16
Nickel	11	17	NS	1,600	13,000	4,100	440,000	180	3,500						
Potassium	390	1,200	NS	--	--	--	--	--	--						
Selenium	< 1	<b>7.2</b>	< 1.2	< 1.1	1.3	NS	< 1.1	1.7	< 1.1	390	--	1,000	--	1.3	1.3
Silver	< 1	< 1	NS	< 1.1	2.5	NS	< 1.1	< 1.3	< 1.1	390	--	1,000	--	13	--
Sodium	120	430	NS	--	--	--	--	--	--						
Thallium	< 1	< 1	NS	6.3	--	160	--	3.0	30						
Vanadium	12	23	NS	550	--	1,400	--	980	--						
Zinc	99	320	NS	23,000	--	61,000	--	7,500	15,000						

**NOTES**

All concentrations listed in mg/kg (ppm) except TCLP/SPLP results, denoted with 'b.'

Tier 1 SROs from 35 IAC 742, Appendix B, Tables A, B, C and D.

All samples analyzed pursuant to SW-846 USEPA Method 6010B/7470A.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

"NS" indicates "Not Sampled" for that parameter.

**Bold / Shaded** print indicates analyte exceeded Tier 1 SRO.

<sup>a</sup> Most restrictive value corresponding to detected pH range of 6.9 - 9.0 shown.

Detected levels compared to actual pH-specific Tier 1 SRO for each parameter.

<sup>b</sup> Values in mg/L.

<sup>c</sup> Tier I SRO from IEPA issued "Chemicals not in TACO Tier I Tables (revised 1/6/09).

**Table 6**  
Groundwater Analytical Results  
VOCs  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	TMW-1	TMW-2	TMW-3	B-2 (6-9) <sup>b</sup>	B-5 (3-6) <sup>b</sup>	Tier 1 GROs	
						Class I	Class II
Sample Date	8/10/10	8/10/10	8/10/10	8/4/10	8/4/10		
Acetone	0.037	< 10	< 0.02	NS	NS	6.3	6.3
Benzene	< 0.005	< 2.5	< 0.005	<0.005	<0.005	0.005	0.025
Bromodichloromethane	< 0.005	< 2.5	< 0.005	NS	NS	0.0002	0.0002
Bromoform	< 0.005	< 2.5	< 0.005	NS	NS	0.001	0.001
Bromomethane	< 0.01	< 5	< 0.01	NS	NS	0.0098	0.049
2-Butanone	< 0.02	< 10	< 0.02	<0.005	<0.005	--	--
Carbon disulfide	< 0.01	< 5	< 0.01	NS	NS	0.7	3.5
Carbon tetrachloride	< 0.005	< 2.5	< 0.005	<0.005	<0.005	0.005	0.025
Chlorobenzene	< 0.005	< 2.5	< 0.005	<0.005	<0.005	0.1	0.5
Chloroethane	< 0.01	< 5	< 0.01	NS	NS	--	--
Chloroform	<b>0.64</b>	< 2.5	< 0.005	<0.005	<0.005	0.0002	0.001
Chloromethane	< 0.01	< 5	< 0.01	NS	NS	--	--
Dibromochloromethane	< 0.005	< 2.5	< 0.005	NS	NS	0.14	0.14
1,1-Dichloroethane	< 0.005	< 2.5	< 0.005	<0.005	<0.005	0.7	3.5
1,2-Dichloroethane	< 0.005	< 2.5	< 0.005	<0.005	<0.005	0.005	0.025
1,1-Dichloroethene	< 0.005	< 2.5	< 0.005	NS	NS	0.007	0.035
cis-1,2-Dichloroethene	<b>0.9</b>	<b>120</b>	< 0.005	NS	NS	0.07	0.20
trans-1,2-Dichloroethene	0.045	< 2.5	< 0.005	NS	NS	0.1	0.5
1,2-Dichloropropane	< 0.005	< 2.5	< 0.005	NS	NS	0.005	0.025
cis & trans-1,3-Dichloropropene	< 0.002	< 1.0	< 0.002	NS	NS	0.001	0.005
Ethylbenzene	< 0.005	< 2.5	< 0.005	NS	NS	0.7	1.0
2-Hexanone	< 0.02	< 10	< 0.02	NS	NS	--	--
4-Methyl-2-pentanone (MIBK)	< 0.02	< 10	< 0.02	NS	NS	--	--
Methylene chloride	<b>0.0092</b>	< 2.5	< 0.005	NS	NS	0.005	0.050
Methyl tert-butyl ether	< 0.005	< 2.5	< 0.005	NS	NS	0.07	0.07
Styrene	< 0.005	< 2.5	< 0.005	NS	NS	0.1	0.5
1,1,2,2-Tetrachloroethane	< 0.005	< 2.5	< 0.005	NS	NS	0.42 <sup>a</sup>	0.42 <sup>a</sup>
Tetrachloroethene	< 0.005	< 2.5	< 0.005	<0.005	<0.005	0.005	0.025
Toluene	0.015	< 2.5	< 0.005	NS	NS	1.0	2.5
1,1,1-Trichloroethane	< 0.005	< 2.5	< 0.005	NS	NS	0.2	1.0
1,1,2-Trichloroethane	<b>0.0093</b>	< 2.5	< 0.005	NS	NS	0.005	0.05
Trichloroethene	<b>4</b>	<b>270</b>	<b>0.0056</b>	<0.005	<0.005	0.005	0.025
Vinyl chloride	<b>0.12</b>	<b>22</b>	< 0.002	<0.002	<0.002	0.002	0.01
Xylenes, Total	< 0.015	< 7.5	< 0.015	NS	NS	10.0	10.0

**NOTES**

All concentrations listed in mg/L (ppm).

Tier 1 GROs from 35 IAC 742, Appendix B, Table E.

All samples analyzed pursuant to SW-846 USEPA Method 8260B.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

"NS" denotes Not Sampled for that parameter.

**Bold** print indicates analyte exceeded Tier 1 GRO.

NS indicates "Not Sampled" for that parameter.

<sup>a</sup>Tier 1 GRO from IEPA issued "Chemicals not in TACO Tier I Tables" (revised 1/6/09)

<sup>b</sup>TCLP result from soil sample.

**Table 7**  
Groundwater Analytical Results  
SVOCs  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	TMW-1	TMW-2	TMW-3	Tier 1 GROs	
				Class I	Class II
Sample Date	8/17/10	8/10/10	8/10/10		
1,2,4-Trichlorobenzene	NS	< 0.005	NS	0.070	0.700
1,2-Dichlorobenzene	NS	< 0.005	NS	0.600	1.500
1,3-Dichlorobenzene	NS	< 0.005	NS	--	--
1,4-Dichlorobenzene	NS	< 0.005	NS	0.075	0.375
2, 2'-oxybis(1-Chloropropane)	NS	< 0.005	NS	--	--
2,4,5-Trichlorophenol	NS	< 0.01	NS	0.700	0.700
2,4,6-Trichlorophenol	NS	< 0.005	NS	0.010	0.010
2,4-Dichlorophenol	NS	< 0.005	NS	0.021	0.021
2,4-Dimethylphenol	NS	< 0.005	NS	0.140	0.140
2,4-Dinitrophenol	NS	< 0.025	NS	0.014	0.014
2-Chloronaphthalene	NS	< 0.005	NS	0.56 <sup>a</sup>	2.8 <sup>a</sup>
2-Chlorophenol	NS	< 0.005	NS	0.035	0.035
2-Methylnaphthalene	NS	< 0.005	NS	--	--
2-Methylphenol	NS	< 0.005	NS	0.350	0.350
2-Nitroaniline	NS	< 0.025	NS	0.021 <sup>a</sup>	0.021 <sup>a</sup>
2-Nitrophenol	NS	< 0.005	NS	--	--
3,3'- Dichlorobenzidine	NS	< 0.01	NS	0.020	0.100
3-Nitroaniline	NS	< 0.025	NS	0.0021 <sup>a</sup>	0.0021 <sup>a</sup>
4,6-Dinitro-2-methylphenol	NS	< 0.025	NS	--	--
4-Bromophenyl phenyl ether	NS	< 0.005	NS	--	--
4-Chloro-3-methylphenol	NS	< 0.005	NS	--	--
4-Chloroaniline	NS	< 0.005	NS	0.028	0.028
4-Methylphenol	NS	< 0.005	NS	0.035 <sup>a</sup>	0.035 <sup>a</sup>
4-Nitroaniline	NS	< 0.025	NS	0.021 <sup>a</sup>	0.021 <sup>a</sup>
4-Nitrophenol	NS	< 0.025	NS	--	--
Acenaphthene	< 0.001	< 0.001	< 0.001	0.42	2.1
Acenaphthylene	< 0.001	< 0.001	< 0.001	0.21 <sup>a</sup>	1.05 <sup>a</sup>
Aniline	NS	< 0.005	NS	0.023 <sup>a</sup>	0.023 <sup>a</sup>
Anthracene	< 0.001	< 0.001	< 0.001	2.1	10.5
Benz(a)anthracene	< 0.0001	0.00011	< 0.0001	0.00013	0.00065
Benzidine	NS	< 0.005	NS	0.00000037 <sup>a</sup>	0.00000037 <sup>a</sup>
Benzo(a)pyrene	< 0.0001	< 0.0001	< 0.0001	0.0002	0.0020
Benzo(b)fluoranthene	< 0.0001	< 0.0001	< 0.0001	0.00018	0.00090
Benzo(g,h,i)perylene	< 0.001	< 0.001	< 0.001	0.21 <sup>a</sup>	1.05 <sup>a</sup>
Benzo(k)fluoranthene	< 0.0001	< 0.0001	< 0.0001	0.00017	0.00085
Benzoic Acid	NS	< 0.025	NS	28	28
Benzyl alcohol	NS	< 0.005	NS	3.6 <sup>a</sup>	3.6 <sup>a</sup>
Bis(2-chloroethoxy)methane	NS	< 0.005	NS	--	--
Bis(2-chloroethyl)ether	NS	< 0.005	NS	0.010	0.010
Bis(2-ethylhexyl) phthalate	NS	< 0.005	NS	0.006	0.060
Butyl benzyl phthalate	NS	< 0.005	NS	1.400	7.000
Carbazole	NS	0.00022	NS	--	--
Chrysene	< 0.0001	0.00031	< 0.0001	0.0015	0.0075
Dibenz(a,h)anthracene	< 0.0001	< 0.0001	< 0.0001	0.0003	0.0015
Dibenzofuran	NS	< 0.005	NS	--	--
Diethyl phthalate	NS	< 0.005	NS	5.600	5.600
Dimethyl phthalate	NS	< 0.005	NS	--	--
Di-n-butyl phthalate	NS	< 0.005	NS	0.700	3.500
Di-n-octyl phthalate	NS	< 0.005	NS	0.140	0.700
Fluoranthene	< 0.001	< 0.001	< 0.001	0.2800	1.4000
Fluorene	< 0.001	< 0.001	< 0.001	0.2800	1.4000
Hexachlorobenzene	NS	< 0.005	NS	0.00006	0.0003
Hexachlorobutadiene	NS	< 0.005	NS	0.007 <sup>a</sup>	0.035 <sup>a</sup>
Hexachlorocyclopentadiene	NS	< 0.005	NS	0.050	0.500
Hexachloroethane	NS	< 0.005	NS	0.007	0.035
Indeno(1,2,3-cd)pyrene	< 0.0001	< 0.0001	< 0.0001	0.00043	0.00215
Isophorone	NS	< 0.005	NS	1.400	1.400
Naphthalene	< 0.001	< 0.001	< 0.001	0.14	0.22
N-Nitrosodimethylamine	NS	< 0.005	NS	0.0006 <sup>a</sup>	0.0006 <sup>a</sup>
N-Nitrosodi-n-propylamine	NS	< 0.005	NS	0.0018	0.0018
N-Nitrosodiphenylamine	NS	< 0.005	NS	0.0032	0.016
Phenanthrene	< 0.001	< 0.001	< 0.001	0.21 <sup>a</sup>	1.05 <sup>a</sup>
Phenol	NS	< 0.005	NS	0.100	0.100
Pyrene	< 0.001	< 0.001	< 0.001	0.21	1.05
Pyridine	NS	0.014	NS	0.007 <sup>a</sup>	0.007 <sup>a</sup>

**NOTES**

All concentrations listed in mg/L (ppm).

Tier 1 GROs from 35 IAC 742, Appendix B, Table E.

All samples analyzed pursuant to SW-846 USEPA Method 8270C.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

Blank cells indicate sample not analyzed for that parameter.

**Bold** print indicates analyte exceeded Tier 1 GRO.

<sup>a</sup>Tier 1 GRO from IEPA issued "Chemicals not in TACO Tier 1 Tables" (revised 1/6/09)

**Table 8**  
Groundwater Analytical Results  
PCBs / Pesticides  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	TMW-2	TMW-3	Tier 1 GROs	
			Class I	Class II
Sample Date	8/11/10	8/11/10		
Aroclor 1016	< 0.0005	< 0.0005	0.0005	0.0025
Aroclor 1221	< 0.0005	< 0.0005	0.0005	0.0025
Aroclor 1232	< 0.0005	< 0.0005	0.0005	0.0025
Aroclor 1242	< 0.0005	< 0.0005	0.0005	0.0025
Aroclor 1248	< 0.0005	< 0.0005	0.0005	0.0025
Aroclor 1254	< 0.0005	< 0.0005	0.0005	0.0025
Aroclor 1260	< 0.0005	< 0.0005	0.0005	0.0025
4,4'-DDD	< 0.00005	< 0.00005	0.0140	0.0700
4,4'-DDE	< 0.00005	< 0.00005	0.0100	0.0500
4,4'-DDT	< 0.00005	< 0.00005	0.0060	0.0300
Aldrin	< 0.00005	< 0.00005	0.0140	0.0700
alpha-BHC	< 0.00005	< 0.00005	0.00011	0.00055
alpha-Chlordane	< 0.00005	< 0.00005	--	--
beta-BHC	< 0.00005	< 0.00005	--	--
Chlordane	< 0.001	< 0.001	0.0020	0.0100
delta-BHC	< 0.00005	< 0.00005	--	--
Dieldrin	< 0.00005	< 0.00005	0.0090	0.0450
Endosulfan (I & II)	< 0.0001	< 0.0001	0.0420	0.2100
Endosulfan sulfate	< 0.00005	< 0.00005	--	--
Endrin	< 0.00005	< 0.00005	0.0020	0.0100
Endrin aldehyde	< 0.00005	< 0.00005	--	--
Endrin ketone	< 0.00005	< 0.00005	--	--
gamma-BHC (Lindane)	< 0.00005	< 0.00005	0.0002	0.0010
gamma-Chlordane	< 0.00005	< 0.00005	--	--
Heptachlor	< 0.00005	< 0.00005	0.0004	0.002
Heptachlor epoxide	< 0.00005	< 0.00005	--	--
Methoxychlor	< 0.00005	< 0.00005	0.04	0.2
Toxaphene	< 0.001	< 0.001	0.003	0.015

**NOTES**

All concentrations listed in mg/L (ppm).

Tier 1 GROs from 35 IAC 742, Appendix B, Table E.

All samples analyzed pursuant to SW-846 USEPA Methods 8080A/8082.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

Blank cells indicate sample not analyzed for that parameter.

**Bold** print indicates analyte exceeded Tier 1 GRO.

**Table 9**  
 Groundwater Analytical Results  
 Herbicides  
 1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	TMW-3	Tier 1 GROs	
		Class I	Class II
Sample Date	8/17/10		
2,4,5-T	< 0.0001	0.28 <sup>a</sup>	1.4 <sup>a</sup>
2,4,5-TP (Silvex)	< 0.0001	0.05	0.25
2,4-D	< 0.0002	0.1	0.4
2,4-DB	< 0.0001	--	--
Dalapon	< 0.001	0.2	2.0
Dicamba	< 0.0001	--	--
Dichlorprop	< 0.0001	--	--
Dinoseb	< 0.0003	0.007	0.07
MCPA	< 0.0001	--	--
MCPP	< 0.0001	--	--
Picloram	< 0.0001	0.5	5.0

**NOTES**

All concentrations listed in mg/L (ppm).

Tier 1 GROs from 35 IAC 742, Appendix B, Table E.

All samples analyzed pursuant to SW-846 USEPA Method 8270C.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

**Bolded / Shaded** print indicates analyte exceeded Tier 1 GRO.

<sup>a</sup>Tier I GRO from IEPA issued "Chemicals not in TACO Tier I Tables" (revised 1/6/09)

**Table 10**  
Groundwater Analytical Results  
RCRA Metals  
1807-15 N. Kimball Ave. / Chicago, Illinois

Sample ID	TMW-1	TMW-2	TMW-3	B-6 (3-6) <sup>b</sup>	Tier 1 GROs	
Sample Date	8/10/10	8/10/10	8/10/10	8/4/10	Class I	Class II
Aluminum	0.47	0.37	NS	NS	3.5 <sup>a</sup>	5 <sup>a</sup>
Antimony	< 0.006	<b>0.0064</b>	NS	NS	0.006	0.024
Arsenic	< 0.004	< 0.004	< 0.004	<0.01	0.050	0.200
Barium	0.073	0.093	0.098	0.88	2.0	2.0
Beryllium	< 0.002	< 0.002	NS	NS	0.004	0.500
Cadmium	< 0.002	< 0.002	< 0.002	<b>0.008</b>	0.005	0.050
Calcium	160	190	NS	NS	--	--
Chromium	< 0.004	< 0.004	< 0.004	<0.01	0.10	1.0
Cobalt	< 0.004	< 0.004	NS	NS	1.0	1.0
Copper	< 0.01	< 0.01	NS	NS	0.650	0.650
Cyanide	< 0.005	< 0.005	NS	NS	--	--
Iron	1.4	1.5	NS	NS	5.0	5.0
Lead	0.0032	0.0025	0.0025	<b>0.43</b>	0.0075	0.1000
Magnesium	61	110	NS	NS	--	--
Manganese	0.087	<b>0.8</b>	NS	NS	0.15	10.0
Mercury	< 0.0002	< 0.0002	< 0.0002	<0.0002	0.002	0.010
Nickel	0.0055	< 0.004	NS	NS	0.100	2.0
Potassium	14	14	NS	NS	--	--
Selenium	< 0.004	< 0.004	< 0.004	<0.01	0.050	0.050
Silver	< 0.004	< 0.004	< 0.004	<0.01	0.050	--
Sodium	86	290	NS	NS	--	--
Thallium	< 0.004	< 0.004	NS	NS	0.002	0.020
Vanadium	< 0.004	< 0.004	NS	NS	0.049	0.100
Zinc	< 0.02	< 0.02	NS	NS	5.0	10.0

**NOTES**

All concentrations listed in mg/L (ppm).

Tier 1 GROs from 35 IAC 742, Appendix B, Table E.

All samples analyzed pursuant to SW-846 USEPA Method SW6010B/7470A.

"<" indicates that analyte was not detected at stated detection limit.

"--" indicates value not available in 35 IAC 742.

"NS" denotes Not Sampled for that parameter.

**Bold / Shaded** print indicates analyte exceeded Tier 1 GRO.

<sup>a</sup>Tier 1 GRO from IEPA issued "Chemicals not in TACO Tier I Tables" (revised 1/6/09)

<sup>b</sup>TCLP Result from soil sample B-6 (3-6)

**APPENDIX A**

**Site Investigation Photographs**



Photo 1: Drilling activities at B-1.



Photo 2: Drilling activities at B-2.



Photo 3: Drilling activities at B-3.



Photo 4: Drilling activities at B-4.



Photo 5: Drilling activities at B-5.



Photo 6: Drilling activities at B-6.



Photo 7: Drilling activities at B-7.



Photo 8: Drilling activities at B-8.

**APPENDIX B**

**Soil Boring Logs**



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-1**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Concrete	
2.5	2.5	33	Concrete and Fill underlain by dark gray fine sand with trace gravel and red mottling Loose, Moist (SM/GC)	No visual or olfactory evidence of contamination
3	0.5	33	Gray/brown silty clay with trace gravel and dark gray sand Firm, Moist (CL/SC)	
6	0.7	100	Gray silty clay with brown mottling and trace gravel Firm, grades to soft at 9-feet, Moist (CL)	
9	0.4	100	Brown silty clay with trace gravel Soft to very soft, Moist (CL)	
12	0.4	100	Gray silty clay with trace gravel Very soft, Moist (CL)	
16	0.4	100	Gray silty clay with trace gravel Very soft, Moist (CL)	
20	0.4	50	Gray silty clay with trace gravel. Some gravel at 22-feet Very soft, Moist (CL)	
24			End of boring 24-feet below grade.	

NOTES:

Shaded interval submitted for laboratory analysis.

Logging Method: ASTM D-2488	Logged By: Tom Brecheisen
Depth to Groundwater: NA	Method: Geoprobe
BEI Project No: 10-DOE-0012	Date: August 4, 2010
Started: 10:30 am	Finished: 11:00 pm



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-2**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Concrete	
3	NA	0	NO RECOVERY	No visual or olfactory evidence of contamination
	7.2	100	Gray/brown silty clay with some gravel Firm, Moist (CL/GC)	
6	217.0	100	Brown/gray silty clay with trace gravel Grades to Brown silty clay with trace gravel at 8-feet Soft to Firm, grading to soft at 8-feet, Moist (CL)	Solvent odor observed
9	15.2	100	Brown silty clay with trace gravel Soft, Moist (CL)	No visual or olfactory evidence of contamination
12	1.4	100	Gray silty clay with trace gravel Very soft, Moist (CL)	
16			End of boring 16-feet below grade.	
20				
24				

NOTES:

Shaded interval submitted for laboratory analysis.

Logging Method: ASTM D-2488

Logged By: Tom Brecheisen

Depth to Groundwater: NA

Method: Geoprobe

BEI Project No: 10-DOE-0012

Date: August 4, 2010

Started: 11:05 am

Finished: 11:45 am



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-3**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Concrete	
3	NA	0	NO RECOVERY	No visual or olfactory evidence of contamination
	2.9	33	Dark gray silty clay with trace gravel Firm, Moist (CL)	
6	307.0	100	Brown/gray silty clay with trace gravel Firm, Moist (CL)	Solvent odor observed
9	1.1	100	Brown silty clay with trace gravel Soft to very soft, Moist (CL)	No visual or olfactory evidence of contamination
12	0.5	100	Gray silty clay with trace gravel Very soft, Moist (CL)	
16			End of boring 16-feet below grade.	
20				
24				

NOTES:

Shaded interval submitted for laboratory analysis.

Logging Method: ASTM D-2488

Logged By: Tom Brecheisen

Depth to Groundwater: NA

Method: Geoprobe

BEI Project No: 10-DOE-0012

Date: August 4, 2010

Started: 12:00 pm

Finished: 12:30 pm



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-4**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Concrete	
	2.8	33	Dark brown medium sand with some gravel and concrete fill. Loose, Moist (SP)	No visual or olfactory evidence of contamination
3	26.0	100	Dark gray silty clay with trace gravel Firm, Moist (CL)	Potential staining and metal flakes observed
6	521.0	100	Brown/gray silty clay with trace gravel Firm, grading to soft at 8-feet, Moist (CL)	Solvent odor observed
9	674.0	100	Brown/gray silty clay with trace gravel Firm to soft, grading to very soft at 12-feet, Moist (CL)	
12	24.3	100	Gray silty clay with trace gravel Very soft, Moist (CL)	No visual or olfactory evidence of contamination
16	1.3	5	Gray silty clay with trace gravel Very soft, Moist (CL)	
20			End of boring 20-feet below grade.	
24				

NOTES:

Shaded interval submitted for laboratory analysis.

Logging Method: ASTM D-2488

Logged By: Tom Brecheisen

Depth to Groundwater: NA

Method: Geoprobe

BEI Project No: 10-DOE-0012

Date: August 4, 2010

Started: 12:45 pm

Finished: 1:30 pm



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-5**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Concrete	
	3.4	16.5	Fill with some brown sand and gravel Loose, Moist (SP/GP)	No visual or olfactory evidence of contamination
3	64.2	75	Dark gray silty sand with some silty clay grading to brown/gray silty clay at 5-feet Loose, Firm, Moist (SC/CL)	Potential staining observed
6	1168.0	100	Brown/gray silty clay with trace gravel Soft to firm, Moist (CL)	Solvent odor observed
9	1951.0	100	Brown silty clay with trace gravel Firm to soft, Moist (CL)	
12	1647.0	100	Gray silty clay with trace gravel Very soft, Moist (CL)	
16	10.8	100	Gray silty clay with trace gravel Very soft, Moist (CL)	No visual or olfactory evidence of contamination
20			End of boring 20-feet below grade.	
24				

NOTES:

Shaded interval submitted for  
laboratory analysis.

Logging Method: ASTM D-2488

Logged By: Tom Brecheisen

Depth to Groundwater: NA

Method: Geoprobe

BEI Project No: 10-DOE-0012

Date: August 4, 2010

Started: 1:40 pm

Finished: 2:15 pm



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-6**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Topsoil	
3	3.7	33	Topsoil underlain by dark gray sand with some gravel and silty clay Loose, Moist (OL/OH/SC/CL)	No visual or olfactory evidence of contamination
6	542.0	100	Dark gray silty sand with some gravel grading to gray/brown silty clay with trace gravel at 4-feet Loose, grading to firm, Moist (SM/CL)	Petroleum odor observed
9	3.1	100	Brown/gray silty clay Soft to Firm, Moist (CL)	No visual or olfactory evidence of contamination
12	0.2	100	Brown silty clay with trace gravel Soft, Moist (CL)	
16	0.1	100	Gray silty clay with trace gravel Very soft, Moist (CL)	
20			End of boring 16-feet below grade.	
24				

NOTES:

Shaded interval submitted for laboratory analysis.

Logging Method: ASTM D-2488

Logged By: Tom Brecheisen

Depth to Groundwater: NA

Method: Geoprobe

BEI Project No: 10-DOE-0012

Date: August 4, 2010

Started: 3:00 pm

Finished: 3:20 pm



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-7**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Topsoil	
	0.2	33	Topsoil underlain by dark gray sand with some gravel, brick fill, and silty clay Loose, Moist (OL/OH/SC/GC)	No visual or olfactory evidence of contamination
3	1.3	100	Dark gray silty sand with some gravel and fill grading to gray/brown silty clay with trace gravel at 4-feet Loose, grading to firm, Moist (SM/CL)	
6	0.7	100	Brown/gray silty clay Firm, Moist (CL)	
9	0.0	100	Brown/gray silty clay with trace gravel Firm, Moist (CL)	
12	0.0	100	Gray silty clay with trace gravel Soft, Moist (CL)	
16			End of boring 16-feet below grade.	
20				
24				

<b>NOTES:</b>  Shaded interval submitted for laboratory analysis.	Logging Method: ASTM D-2488	Logged By: Tom Brecheisen
	Depth to Groundwater: NA	Method: Geoprobe
	BEI Project No: 10-DOE-0012	Date: August 4, 2010
	Started: 3:25 pm	Finished: 4:00 pm



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Boring No.

**B-8**

DEPTH (ft)	PID (ppm)	RECOVERY (%)	SOIL DESCRIPTION	OBSERVATIONS
0			SURFACE GRADE = Gravel Fill	
0.5	0.5	33	Fill consisting of crushed concrete, bricks, and rocks with some coarse sand and gravel, trace silty sand and clay Loose, Moist (GP)	No visual or olfactory evidence of contamination  Refusal at 6-feet
3	0.2	50	Fill consisting of crushed concrete, bricks, rock, coarse sand and gravel, with some silty sand Loose, Moist (GP/SP)	
6			End of boring 6-feet below grade.	
9				
12				
16				
20				
24				

<b>NOTES:</b>  Shaded interval submitted for laboratory analysis.	Logging Method: ASTM D-2488	Logged By: Tom Brecheisen
	Depth to Groundwater: NA	Method: Geoprobe
	BEI Project No: 10-DOE-0012	Date: August 4, 2010
	Started: 4:40 pm	Finished: 5:10 pm

## **APPENDIX C**

### **Monitoring Well Construction Logs**



**Brecheisen  
Engineering,  
Inc.**

**Site Name and Location:**

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Well No.

**TMW-1**

DEPTH	SCHEMATIC	ELEVATIONS	DETAILS	PID (ppm)	OBSERVATIONS
0		98.80' Top of Casing	Well Vault: None	NA	NO RECOVERY
		98.3' Top of Seal	Surface Seal: Bentonite		
3		6.5' Total Seal Interval	Annular Sealant: Bentonite Bentonite Type: 1/4" pellets	7.2	Gray/brown silty clay with some gravel Firm, Moist (CL/GC)
		91.8' Top of Sand			
6		92.8' Top of Screen			
9				217.0	Brown/gray silty clay with trace gravel; Soft to Firm, grading to soft at 8-feet, Moist (CL)
12			10.0' Total Screen Interval	Type of Sand Pack: Quartz #5	15.2
16		82.8' Bottom of Screen		1.4	Gray silty clay with trace gravel Very soft, Moist (CL)
End of boring 16-feet below grade.					

Well Construction Materials		Measurements	
Riser Pipe	Sch. 40 PVC	Riser pipe length	6-feet
Riser Coupling Joint	Sch. 40 PVC	Screen length	10-feet
Screen	Sch. 40 PVC	Screen Slot Size	0.010-inch
Sreen-Riser Coupling	Sch. 40 PVC	Depth to Water while Drilling	NA
Protective Casing	None	Depth to Water after Drilling	13.85'

Driller:	P. Romero	Engineer:	T. Brecheisen
Drilling Method:	Geoprobe	Date Started:	4-Aug-10
Drilling Fluids	None	Date Completed:	4-Aug-10



**Brecheisen  
Engineering,  
Inc.**

Site Name and Location:

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Well No.

**TMW-2**

DEPTH	SCHEMATIC	ELEVATIONS	DETAILS	PID (ppm)	OBSERVATIONS	
0		100.00' Top of Casing	Well Vault: None			
		99.5' Top of Seal	Surface Seal: Bentonite	3.4	Fill with some brown sand and gravel Loose, Moist (SP/GP)	
3		8.5' Total Seal Interval	Annular Sealant: Bentonite Bentonite Type: 1/4" pellets	64.2	Dark gray silty sand with some silty clay grading to brown/gray silty clay at 5-feet; Loose, Firm, Moist (SC/CL)	
6		91.0' Top of Sand		1168.0	Brown/gray silty clay with trace gravel Soft to firm, Moist (CL)	
		92.0' Top of Screen				
9					1951.0	Brown silty clay with trace gravel Firm to soft, Moist (CL)
12		10.0' Total Screen Interval	Type of Sand Pack: Quartz #5		1647.0	Gray silty clay with trace gravel Very soft, Moist (CL)
16		82.0' Bottom of Screen			10.8	Gray silty clay with trace gravel Very soft, Moist (CL)
20	End of boring 20-feet below grade.					

Well Construction Materials		Measurements	
Riser Pipe	Sch. 40 PVC	Riser pipe length	8-feet
Riser Coupling Joint	Sch. 40 PVC	Screen length	10-feet
Screen	Sch. 40 PVC	Screen Slot Size	0.010-inch
Sreen-Riser Coupling	Sch. 40 PVC	Depth to Water while Drilling	NA
Protective Casing	None	Depth to Water after Drilling	2.51'

Driller:	P. Romero	Engineer:	T. Brecheisen
Drilling Method:	Geoprobe	Date Started:	4-Aug-10
Drilling Fluids	None	Date Completed:	4-Aug-10



**Brecheisen  
Engineering,  
Inc.**

**Site Name and Location:**

Vacant Land  
1807-15 N. Kimball Ave.  
Chicago, Illinois 60647

Well No.

**TMW-3**

DEPTH	SCHEMATIC	ELEVATIONS	DETAILS	PID (ppm)	OBSERVATIONS	
0		99.94' Top of Casing	Well Vault: None			
		99.4' Top of Seal	Surface Seal: Bentonite	0.2	Topsoil underlain by dark gray sand with some gravel, brick fill, and silty clay; Loose, Moist (OL/OH/SC/GC)	
3		4.5' Total Seal Interval	Annular Sealant: Bentonite Bentonite Type: 1/4" pellets		Dark gray silty sand with some gravel and fill grades to gray/brown silty clay; Loose grading to firm, Moist (SM/CL)	
		94.9' Top of Sand		1.3		
6		93.9' Top of Screen			Brown/gray silty clay Firm, Moist (CL)	
9					0.7	
12		10.0' Total Screen Interval	Type of Sand Pack: Quartz #5		0.0	Brown/gray silty clay with trace gravel Firm, Moist (CL)
16		83.9' Bottom of Screen			Gray silty clay with trace gravel Soft, Moist (CL)	
End of boring 16-feet below grade.						

Well Construction Materials		Measurements	
Riser Pipe	Sch. 40 PVC	Riser pipe length	6-feet
Riser Coupling Joint	Sch. 40 PVC	Screen length	10-feet
Screen	Sch. 40 PVC	Screen Slot Size	0.010-inch
Sreen-Riser Coupling	Sch. 40 PVC	Depth to Water while Drilling	NA
Protective Casing	None	Depth to Water after Drilling	2.52'

Driller:	P. Romero	Engineer:	T. Brecheisen
Drilling Method:	Geoprobe	Date Started:	4-Aug-10
Drilling Fluids	None	Date Completed:	4-Aug-10

## **APPENDIX D**

### **Soil Analytical Results**

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

September 10, 2010

Brecheisen Engineering, Inc.  
1700 N. North Park Ave.  
Unit 5-B  
Chicago, IL 60614-  
Telephone: (312) 659-0052  
Fax: (312) 640-0115

RE: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

STAT Project No: 10080183

Dear Tom Brecheisen:

STAT Analysis received 38 samples for the referenced project on 8/5/2010 6:40:00 PM. The analytical results are presented in the following report.

This report is revised to reflect additional analysis requested after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

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**Client:** Brecheisen Engineering, Inc.  
**Project:** 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL  
**Lab Order:** 10080183

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**Work Order Sample Summary**

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10080183-001A	B-1 (0-3)		8/4/2010 10:15:00 AM	8/5/2010
10080183-002A	B-1 (3-6)		8/4/2010 10:20:00 AM	8/5/2010
10080183-003A	B-1 (6-9)		8/4/2010 10:25:00 AM	8/5/2010
10080183-004A	B-1 (9-12)		8/4/2010 10:30:00 AM	8/5/2010
10080183-005A	B-1 (12-16)		8/4/2010 10:40:00 AM	8/5/2010
10080183-006A	B-1 (16-20)		8/4/2010 10:50:00 AM	8/5/2010
10080183-007A	B-1 (20-24)		8/4/2010 11:00:00 AM	8/5/2010
10080183-008A	B-2 (3-6)		8/4/2010 11:15:00 AM	8/5/2010
10080183-009A	B-2 (6-9)		8/4/2010 11:25:00 AM	8/5/2010
10080183-010A	B-2 (9-12)		8/4/2010 11:35:00 AM	8/5/2010
10080183-011A	B-2 (12-16)		8/4/2010 11:45:00 AM	8/5/2010
10080183-012A	B-3 (3-6)		8/4/2010 12:05:00 PM	8/5/2010
10080183-013A	B-3 (6-9)		8/4/2010 12:10:00 PM	8/5/2010
10080183-014A	B-3 (9-12)		8/4/2010 12:20:00 PM	8/5/2010
10080183-015A	B-3 (12-16)		8/4/2010 12:30:00 PM	8/5/2010
10080183-016A	B-4 (0-3)		8/4/2010 12:45:00 PM	8/5/2010
10080183-017A	B-4 (3-6)		8/4/2010 12:50:00 PM	8/5/2010
10080183-018A	B-4 (6-9)		8/4/2010 12:55:00 PM	8/5/2010
10080183-019A	B-4 (9-12)		8/4/2010 1:05:00 PM	8/5/2010
10080183-020A	B-4 (12-16)		8/4/2010 1:15:00 PM	8/5/2010
10080183-021A	B-5 (0-3)		8/4/2010 1:45:00 PM	8/5/2010
10080183-022A	B-5 (3-6)		8/4/2010 1:50:00 PM	8/5/2010
10080183-023A	B-5 (6-9)		8/4/2010 1:55:00 PM	8/5/2010
10080183-024A	B-5 (9-12)		8/4/2010 2:05:00 PM	8/5/2010
10080183-025A	B-5 (12-16)		8/4/2010 2:15:00 PM	8/5/2010
10080183-026A	B-5 (16-20)		8/4/2010 2:30:00 PM	8/5/2010
10080183-027A	B-6 (0-3)		8/4/2010 2:50:00 PM	8/5/2010
10080183-028A	B-6 (3-6)		8/4/2010 2:55:00 PM	8/5/2010
10080183-029A	B-6 (6-9)		8/4/2010 3:00:00 PM	8/5/2010
10080183-030A	B-6 (9-12)		8/4/2010 3:10:00 PM	8/5/2010
10080183-031A	B-6 (12-16)		8/4/2010 3:20:00 PM	8/5/2010
10080183-032A	B-7 (0-3)		8/4/2010 3:30:00 PM	8/5/2010
10080183-033A	B-7 (3-6)		8/4/2010 3:35:00 PM	8/5/2010
10080183-034A	B-7 (6-9)		8/4/2010 3:40:00 PM	8/5/2010
10080183-035A	B-7 (9-12)		8/4/2010 3:50:00 PM	8/5/2010
10080183-036A	B-7 (12-16)		8/4/2010 4:00:00 PM	8/5/2010
10080183-037A	B-8 (0-3)		8/4/2010 4:50:00 PM	8/5/2010
10080183-038A	B-8 (3-6)		8/4/2010 5:00:00 PM	8/5/2010

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**CLIENT:** Brecheisen Engineering, Inc.  
**Project:** 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL  
**Lab Order:** 10080183

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**CASE NARRATIVE**

The metals LCS (preparation batch 50862) had recovery outside of control limits for Antimony (161% recovery, QC Limits 80-120%).

The metals LCS (preparation batch 51026) had recovery outside of control limits for Antimony (125% recovery, QC Limits 80-120%). Antimony was not detected in the associated samples.

The metals LCS (preparation batch 51092) had recovery outside of control limits for Antimony (124% recovery, QC Limits 80-120%). Antimony was not detected in the associated samples.

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-001

Client Sample ID: B-1 (0-3)

Collection Date: 8/4/2010 10:15:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>LB</b>
Mercury	ND	0.025		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>JG</b>
Arsenic	3.3	1		mg/Kg-dry	10	8/9/2010
Barium	32	1		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.52		mg/Kg-dry	10	8/9/2010
Chromium	88	1		mg/Kg-dry	10	8/9/2010
Lead	14	0.52		mg/Kg-dry	10	8/9/2010
Selenium	ND	1		mg/Kg-dry	10	8/9/2010
Silver	ND	1		mg/Kg-dry	10	8/9/2010
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020 (SW3005A)</b>					Prep Date: <b>9/1/2010</b> Analyst: <b>JG</b>
Chromium	ND	0.01		mg/L	5	9/1/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>RW</b>
pH	10.1			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>					Prep Date: <b>8/6/2010</b> Analyst: <b>JP</b>
Percent Moisture	6.2	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-002

Client Sample ID: B-1 (3-6)

Collection Date: 8/4/2010 10:20:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.029		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	8.5	1		mg/Kg-dry	10	8/9/2010
Barium	110	1		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.51		mg/Kg-dry	10	8/9/2010
Chromium	38	1		mg/Kg-dry	10	8/9/2010
Lead	30	0.51		mg/Kg-dry	10	8/9/2010
Selenium	ND	1		mg/Kg-dry	10	8/9/2010
Silver	ND	1		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.1			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	15.2	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-003

Client Sample ID: B-1 (6-9)

Collection Date: 8/4/2010 10:25:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/23/2010</b>	Analyst: <b>JG</b>
Chromium	28	1.2		mg/Kg-dry	10	8/23/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/26/2010</b>	Analyst: <b>MNG</b>
pH	8.3		H	pH Units	1	8/26/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/24/2010</b>	Analyst: <b>JP</b>
Percent Moisture	16.6	0.2	*	wt%	1	8/25/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-004

Client Sample ID: B-1 (9-12)

Collection Date: 8/4/2010 10:30:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>9/2/2010</b>	Analyst: <b>JG</b>
Chromium	21	1.3		mg/Kg-dry	10	9/3/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/31/2010</b>	Analyst: <b>RW</b>
Percent Moisture	19.2	0.2	*	wt%	1	9/1/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.  
 Lab Order: 10080183  
 Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL  
 Lab ID: 10080183-008

Client Sample ID: B-2 (3-6)  
 Collection Date: 8/4/2010 11:15:00 AM  
 Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>LB</b>
Mercury	0.84	0.024		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>JG</b>
Aluminum	22000	250		mg/Kg-dry	100	8/9/2010
Antimony	3.3	2.5		mg/Kg-dry	10	8/10/2010
Arsenic	11	1.3		mg/Kg-dry	10	8/9/2010
Barium	140	1.3		mg/Kg-dry	10	8/9/2010
Beryllium	1.6	0.63		mg/Kg-dry	10	8/9/2010
Cadmium	0.69	0.63		mg/Kg-dry	10	8/9/2010
Calcium	14000	75		mg/Kg-dry	10	8/9/2010
Chromium	37	1.3		mg/Kg-dry	10	8/9/2010
Cobalt	14	1.3		mg/Kg-dry	10	8/9/2010
Copper	75	3.1		mg/Kg-dry	10	8/9/2010
Iron	30000	38		mg/Kg-dry	10	8/9/2010
Lead	180	0.63		mg/Kg-dry	10	8/9/2010
Magnesium	11000	38		mg/Kg-dry	10	8/9/2010
Manganese	330	1.3		mg/Kg-dry	10	8/9/2010
Nickel	46	1.3		mg/Kg-dry	10	8/9/2010
Potassium	3900	38		mg/Kg-dry	10	8/9/2010
Selenium	3	1.3		mg/Kg-dry	10	8/9/2010
Silver	ND	1.3		mg/Kg-dry	10	8/9/2010
Sodium	340	75		mg/Kg-dry	10	8/9/2010
Thallium	ND	1.3		mg/Kg-dry	10	8/9/2010
Vanadium	42	1.3		mg/Kg-dry	10	8/9/2010
Zinc	110	6.3		mg/Kg-dry	10	8/9/2010
<b>Cyanide, Total</b>	<b>SW9012A</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>YZ</b>
Cyanide	ND	0.32		mg/Kg-dry	1	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>					Prep Date: <b>8/6/2010</b> Analyst: <b>MNG</b>
pH	8.1			pH Units	1	8/6/2010
<b>Percent Moisture</b>	<b>D2974</b>					Prep Date: <b>8/6/2010</b> Analyst: <b>JP</b>
Percent Moisture	22.9	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-009

Client Sample ID: B-2 (6-9)

Collection Date: 8/4/2010 11:25:00 AM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.03		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	9.9	1.2		mg/Kg-dry	10	8/9/2010
Barium	62	1.2		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.58		mg/Kg-dry	10	8/9/2010
Chromium	20	1.2		mg/Kg-dry	10	8/9/2010
Lead	16	0.58		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	8/9/2010
Silver	ND	1.2		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.7			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	17.6	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
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 E - Value above quantitation range  
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	B-3 (3-6)
<b>Lab Order:</b>	10080183	<b>Collection Date:</b>	8/4/2010 12:05:00 PM
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	10080183-012		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.028		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	4.8	1.2		mg/Kg-dry	10	8/9/2010
Barium	84	1.2		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.59		mg/Kg-dry	10	8/9/2010
Chromium	23	1.2		mg/Kg-dry	10	8/9/2010
Lead	14	0.59		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	8/9/2010
Silver	ND	1.2		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.6			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	16.2	0.2	*	wt%	1	8/9/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-013

Client Sample ID: B-3 (6-9)

Collection Date: 8/4/2010 12:10:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.03		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	9.5	1.1		mg/Kg-dry	10	8/9/2010
Barium	82	1.1		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.57		mg/Kg-dry	10	8/9/2010
Chromium	25	1.1		mg/Kg-dry	10	8/9/2010
Lead	18	0.57		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2010
Silver	ND	1.1		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.2			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	18.9	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-016

Client Sample ID: B-4 (0-3)

Collection Date: 8/4/2010 12:45:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	0.17	0.028		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	15	1.1		mg/Kg-dry	10	8/9/2010
Barium	62	1.1		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.55		mg/Kg-dry	10	8/9/2010
Chromium	24	1.1		mg/Kg-dry	10	8/9/2010
Lead	200	0.55		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2010
Silver	ND	1.1		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	10.8			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	16.8	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-017

Client Sample ID: B-4 (3-6)

Collection Date: 8/4/2010 12:50:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	0.38	0.022		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Aluminum	5400	22		mg/Kg-dry	10	8/9/2010
Antimony	59	2.2		mg/Kg-dry	10	8/10/2010
Arsenic	18	1.1		mg/Kg-dry	10	8/9/2010
Barium	220	1.1		mg/Kg-dry	10	8/9/2010
Beryllium	0.91	0.55		mg/Kg-dry	10	8/9/2010
Cadmium	1.1	0.55		mg/Kg-dry	10	8/9/2010
Calcium	16000	66		mg/Kg-dry	10	8/9/2010
Chromium	20	1.1		mg/Kg-dry	10	8/9/2010
Cobalt	6.4	1.1		mg/Kg-dry	10	8/9/2010
Copper	2200	28		mg/Kg-dry	100	8/9/2010
Iron	86000	330		mg/Kg-dry	100	8/9/2010
Lead	1100	0.55		mg/Kg-dry	10	8/9/2010
Magnesium	4600	33		mg/Kg-dry	10	8/9/2010
Manganese	630	1.1		mg/Kg-dry	10	8/9/2010
Nickel	16	1.1		mg/Kg-dry	10	8/9/2010
Potassium	690	33		mg/Kg-dry	10	8/9/2010
Selenium	2.2	1.1		mg/Kg-dry	10	8/9/2010
Silver	1.2	1.1		mg/Kg-dry	10	8/9/2010
Sodium	460	66		mg/Kg-dry	10	8/9/2010
Thallium	ND	1.1		mg/Kg-dry	10	8/9/2010
Vanadium	26	1.1		mg/Kg-dry	10	8/9/2010
Zinc	450	55		mg/Kg-dry	100	8/9/2010
<b>Cyanide, Total</b>	<b>SW9012A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>YZ</b>
Cyanide	ND	0.28		mg/Kg-dry	1	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>MNG</b>
pH	7.5			pH Units	1	8/6/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	10.9	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-018

Client Sample ID: B-4 (6-9)

Collection Date: 8/4/2010 12:55:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/20/2010</b>	Analyst: <b>LB</b>
Mercury	0.03	0.023		mg/Kg-dry	1	8/20/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/23/2010</b>	Analyst: <b>JG</b>
Antimony	ND	2.3		mg/Kg-dry	10	8/23/2010
Arsenic	2.9	1.1		mg/Kg-dry	10	8/23/2010
Iron	19000	33		mg/Kg-dry	10	8/23/2010
Lead	14	0.56		mg/Kg-dry	10	8/23/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/24/2010</b>	Analyst: <b>JP</b>
Percent Moisture	15.9	0.2	*	wt%	1	8/25/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-021

Client Sample ID: B-5 (0-3)

Collection Date: 8/4/2010 1:45:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	0.068	0.021		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Aluminum	2800	20		mg/Kg-dry	10	8/9/2010
Antimony	17	2		mg/Kg-dry	10	8/10/2010
Arsenic	5.4	1		mg/Kg-dry	10	8/9/2010
Barium	51	1		mg/Kg-dry	10	8/9/2010
Beryllium	ND	0.5		mg/Kg-dry	10	8/9/2010
Cadmium	ND	0.5		mg/Kg-dry	10	8/9/2010
Calcium	69000	600		mg/Kg-dry	100	8/9/2010
Chromium	9.4	1		mg/Kg-dry	10	8/9/2010
Cobalt	3	1		mg/Kg-dry	10	8/9/2010
Copper	490	2.5		mg/Kg-dry	10	8/9/2010
Iron	27000	30		mg/Kg-dry	10	8/9/2010
Lead	160	0.5		mg/Kg-dry	10	8/9/2010
Magnesium	24000	30		mg/Kg-dry	10	8/9/2010
Manganese	410	1		mg/Kg-dry	10	8/9/2010
Nickel	11	1		mg/Kg-dry	10	8/9/2010
Potassium	390	30		mg/Kg-dry	10	8/9/2010
Selenium	ND	1		mg/Kg-dry	10	8/9/2010
Silver	ND	1		mg/Kg-dry	10	8/9/2010
Sodium	120	60		mg/Kg-dry	10	8/9/2010
Thallium	ND	1		mg/Kg-dry	10	8/9/2010
Vanadium	12	1		mg/Kg-dry	10	8/9/2010
Zinc	99	5		mg/Kg-dry	10	8/9/2010
<b>Cyanide, Total</b>	<b>SW9012A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>YZ</b>
Cyanide	ND	0.26		mg/Kg-dry	1	8/9/2010
<b>Organic Carbon Content</b>	<b>D2974</b>				Prep Date: <b>8/17/2010</b>	Analyst: <b>RW</b>
Organic Carbon Content	2.8	0.01	*	wt%	1	8/18/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>MNG</b>
pH	11.8			pH Units	1	8/6/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	4.6	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-022

Client Sample ID: B-5 (3-6)

Collection Date: 8/4/2010 1:50:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	0.42	0.024		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Aluminum	4500	21		mg/Kg-dry	10	8/9/2010
Antimony	26	2.1		mg/Kg-dry	10	8/10/2010
Arsenic	17	1		mg/Kg-dry	10	8/9/2010
Barium	180	1		mg/Kg-dry	10	8/9/2010
Beryllium	1.1	0.52		mg/Kg-dry	10	8/9/2010
Cadmium	1.8	0.52		mg/Kg-dry	10	8/9/2010
Calcium	27000	63		mg/Kg-dry	10	8/9/2010
Chromium	18	1		mg/Kg-dry	10	8/9/2010
Cobalt	5.8	1		mg/Kg-dry	10	8/9/2010
Copper	580	26		mg/Kg-dry	100	8/9/2010
Iron	25000	31		mg/Kg-dry	10	8/9/2010
Lead	840	0.52		mg/Kg-dry	10	8/9/2010
Magnesium	5900	31		mg/Kg-dry	10	8/9/2010
Manganese	260	1		mg/Kg-dry	10	8/9/2010
Nickel	17	1		mg/Kg-dry	10	8/9/2010
Potassium	1200	31		mg/Kg-dry	10	8/9/2010
Selenium	7.2	1		mg/Kg-dry	10	8/9/2010
Silver	ND	1		mg/Kg-dry	10	8/9/2010
Sodium	430	63		mg/Kg-dry	10	8/9/2010
Thallium	ND	1		mg/Kg-dry	10	8/9/2010
Vanadium	23	1		mg/Kg-dry	10	8/9/2010
Zinc	320	5.2		mg/Kg-dry	10	8/9/2010
<b>Cyanide, Total</b>	<b>SW9012A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>YZ</b>
Cyanide	ND	0.3		mg/Kg-dry	1	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>MNG</b>
pH	7.8			pH Units	1	8/6/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	17.8	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-023

Client Sample ID: B-5 (6-9)

Collection Date: 8/4/2010 1:55:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/20/2010</b>	Analyst: <b>LB</b>
Mercury	0.031	0.024		mg/Kg-dry	1	8/20/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/23/2010</b>	Analyst: <b>JG</b>
Antimony	ND	2.3		mg/Kg-dry	10	8/23/2010
Arsenic	4.6	1.2		mg/Kg-dry	10	8/23/2010
Lead	15	0.58		mg/Kg-dry	10	8/23/2010
Selenium	ND	1.2		mg/Kg-dry	10	8/23/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/24/2010</b>	Analyst: <b>JP</b>
Percent Moisture	16.8	0.2	*	wt%	1	8/25/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-027

Client Sample ID: B-6 (0-3)

Collection Date: 8/4/2010 2:50:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	0.82	0.058		mg/Kg-dry	2	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	14	1.1		mg/Kg-dry	10	8/9/2010
Barium	130	1.1		mg/Kg-dry	10	8/9/2010
Cadmium	1.6	0.53		mg/Kg-dry	10	8/9/2010
Chromium	22	1.1		mg/Kg-dry	10	8/9/2010
Lead	910	0.53		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2010
Silver	ND	1.1		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.3			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	16.7	0.2	*	wt%	1	8/9/2010

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-028

Client Sample ID: B-6 (3-6)

Collection Date: 8/4/2010 2:55:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>TCLP Mercury</b>	<b>SW1311/7470A</b>					Prep Date: <b>8/18/2010</b> Analyst: <b>LB</b>
Mercury	ND	0.0002		mg/L	1	8/19/2010
<b>Mercury</b>	<b>SW7471A</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>LB</b>
Mercury	3	0.29		mg/Kg-dry	10	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>JG</b>
Arsenic	29	1.1		mg/Kg-dry	10	8/9/2010
Barium	230	1.1		mg/Kg-dry	10	8/9/2010
Cadmium	3.6	0.56		mg/Kg-dry	10	8/9/2010
Chromium	46	1.1		mg/Kg-dry	10	8/9/2010
Lead	2800	0.56		mg/Kg-dry	10	8/9/2010
Selenium	1.3	1.1		mg/Kg-dry	10	8/9/2010
Silver	2.5	1.1		mg/Kg-dry	10	8/9/2010
<b>TCLP Metals by ICP/MS</b>	<b>SW1311/6020 (SW3005A)</b>					Prep Date: <b>8/18/2010</b> Analyst: <b>JG</b>
Arsenic	ND	0.01		mg/L	5	8/18/2010
Barium	0.88	0.05		mg/L	5	8/18/2010
Cadmium	0.008	0.005		mg/L	5	8/18/2010
Chromium	ND	0.01		mg/L	5	8/18/2010
Lead	0.43	0.005		mg/L	5	8/18/2010
Selenium	ND	0.01		mg/L	5	8/18/2010
Silver	ND	0.01		mg/L	5	8/18/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>					Prep Date: <b>8/9/2010</b> Analyst: <b>RW</b>
pH	8.0			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>					Prep Date: <b>8/6/2010</b> Analyst: <b>JP</b>
Percent Moisture	20.1	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-029

Client Sample ID: B-6 (6-9)

Collection Date: 8/4/2010 3:00:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>					Prep Date: <b>8/20/2010</b> Analyst: <b>LB</b>
Mercury	0.03	0.023		mg/Kg-dry	1	8/20/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					Prep Date: <b>8/23/2010</b> Analyst: <b>JG</b>
Arsenic	5	1.2		mg/Kg-dry	10	8/23/2010
Chromium	24	1.2		mg/Kg-dry	10	8/23/2010
Lead	18	0.61		mg/Kg-dry	10	8/23/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>					Prep Date: <b>8/26/2010</b> Analyst: <b>MNG</b>
pH	8.4		H	pH Units	1	8/26/2010
<b>Percent Moisture</b>	<b>D2974</b>					Prep Date: <b>8/24/2010</b> Analyst: <b>LB</b>
Percent Moisture	21.0	0.2	*	wt%	1	8/25/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-032

Client Sample ID: B-7 (0-3)

Collection Date: 8/4/2010 3:30:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	0.15	0.029		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	12	1.1		mg/Kg-dry	10	8/9/2010
Barium	220	1.1		mg/Kg-dry	10	8/9/2010
Cadmium	0.78	0.55		mg/Kg-dry	10	8/9/2010
Chromium	33	1.1		mg/Kg-dry	10	8/9/2010
Lead	180	0.55		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2010
Silver	ND	1.1		mg/Kg-dry	10	8/9/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.5			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	17.0	0.2	*	wt%	1	8/9/2010

**Qualifiers:**

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

**STAT Analysis Corporation**

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-033

Client Sample ID: B-7 (3-6)

Collection Date: 8/4/2010 3:35:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.034		mg/Kg-dry	1	8/9/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	5.3	1.3		mg/Kg-dry	10	8/9/2010
Barium	76	1.3		mg/Kg-dry	10	8/10/2010
Cadmium	1.8	0.67		mg/Kg-dry	10	8/10/2010
Chromium	8.7	1.3		mg/Kg-dry	10	8/9/2010
Lead	36	0.67		mg/Kg-dry	10	8/9/2010
Selenium	1.7	1.3		mg/Kg-dry	10	8/9/2010
Silver	ND	1.3		mg/Kg-dry	10	8/10/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	7.7			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	26.9	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
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 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-034

Client Sample ID: B-7 (6-9)

Collection Date: 8/4/2010 3:40:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Organic Carbon Content</b>	<b>D2974</b>				Prep Date: <b>8/17/2010</b>	Analyst: <b>RW</b>
Organic Carbon Content	4.1	0.01	*	wt%	1	8/18/2010

**Qualifiers:**

ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 10, 2010

Date Printed: September 10, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080183

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080183-037

Client Sample ID: B-8 (0-3)

Collection Date: 8/4/2010 4:50:00 PM

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: <b>8/11/2010</b>	Analyst: <b>LB</b>
Mercury	0.063	0.03		mg/Kg-dry	1	8/11/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>JG</b>
Arsenic	5.8	1.1		mg/Kg-dry	10	8/9/2010
Barium	200	1.1		mg/Kg-dry	10	8/10/2010
Cadmium	0.8	0.56		mg/Kg-dry	10	8/10/2010
Chromium	19	1.1		mg/Kg-dry	10	8/9/2010
Lead	140	0.56		mg/Kg-dry	10	8/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	8/9/2010
Silver	ND	1.1		mg/Kg-dry	10	8/10/2010
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: <b>8/9/2010</b>	Analyst: <b>RW</b>
pH	8.8			pH Units	1	8/9/2010
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: <b>8/6/2010</b>	Analyst: <b>JP</b>
Percent Moisture	17.3	0.2	*	wt%	1	8/9/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

Company: Brechtman Engineering, Inc.  
 Project Number: 10-DUE-0012 Client Tracking No.:  
 Project Name: 1807-15 N. Kimbrell  
 Project Location: Chicago, IL  
 Sampler(s): Tom Brechtman  
 Report To: Tom Brechtman Phone: 312-640-1648  
 Fax: 312-640-0115  
 e-mail: tom@brechtman.com

P.O. No.:  
 Quote No.:  
 Turn Around: Standard  
 Results Needed:

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	Preserv	No of Containers
B-1 (0-3)	8-4-10	10:15	S	✓	✓	A	1
B-1 (3-6)	8-4-10	10:20	S	✓	✓	A	1
B-1 (6-9)	8-4-10	10:25	S	✓	✓	A	1
B-1 (9-12)	8-4-10	10:30	S	✓	✓	A	1
B-1 (12-16)	8-4-10	10:40	S	✓	✓	A	1
B-1 (16-20)	8-4-10	10:50	S	✓	✓	A	1
B-1 (20-24)	8-4-10	11:00	S	✓	✓	A	1
B-2 (3-6)	8-4-10	11:15	S	✓	✓	A	1
B-2 (6-9)	8-4-10	11:25	S	✓	✓	A	1
B-2 (9-12)	8-4-10	11:35	S	✓	✓	A	1
B-2 (12-16)	8-4-10	11:45	S	✓	✓	A	1
B-3 (3-6)	8-4-10	12:05	S	✓	✓	A	1
B-3 (6-9)	8-4-10	12:10	S	✓	✓	A	1
B-3 (9-12)	8-4-10	12:20	S	✓	✓	A	1
B-3 (12-16)	8-4-10	12:30	S	✓	✓	A	1
B-4 (0-3)	8-4-10	12:45	S	✓	✓	A	1
B-4 (3-6)	8-4-10	12:50	S	✓	✓	A	1
B-4 (6-9)	8-4-10	12:55	S	✓	✓	A	1
B-4 (9-12)	8-4-10	13:05	S	✓	✓	A	1
B-4 (12-16)	8-4-10	13:15	S	✓	✓	A	1

Remarks	Lab No.	am/pm
H	001	
Hold	002	
Hold	003	
Hold	004	
Hold	005	
Hold	006	
Hold	007	
	008	
	009	
Hold	010	
Hold	011	
	012	
	013	
Hold	014	
Hold	015	
	016	
	017	
Hold	018	
Hold	019	
Hold	020	

Relinquished by: (Signature) Thompy Ag. Brechtman Date/Time 08-05-10 18:05  
 Received by: (Signature) K. Schumbe Date/Time 08/05/10 1807  
 Relinquished by: (Signature) Tom Brechtman Date/Time 8/5/10 1940  
 Received by: (Signature) [Signature] Date/Time 8/5/10 1840  
 Relinquished by: (Signature) [Signature] Date/Time [Signature]  
 Received by: (Signature) [Signature] Date/Time [Signature]

Comments: Analysis must meet MDUs specified in 351AC 742.  
 Laboratory Work Order No.: 10080183  
 Received on Ice: Yes  No   
 Temperature: 116 °C  
 Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH  
 D = H<sub>2</sub>SO<sub>4</sub> E = HCl F = 5035/EnCore G = Other

RETURN TO: STAT ANALYSIS CORPORATION  
 2242 W. HARRISON, SUITE 200, CHICAGO, ILLINOIS 60612  
 PHONE: (312) 733-0551 FAX: (312) 733-2386  
 E-MAIL: STATINFO@STATANALYSIS.COM



**Sample Receipt Checklist**

Client Name BEI

Date of Sample Received:

8/5/2010 6:40:00 PM

Work Order Number 10080183

Received by: CDF

Checklist completed by:

*[Handwritten Signature]*

Date 8/5/10

Reviewed by:

*[Handwritten Initials]* 8/6/10

Matrix:

Carrier name: STAT Analysis

- Shipping container/cooler in good condition? Yes  No
- Custody seals intact on shipping container/cooler? Yes  No
- Custody seals intact on sample bottles? Yes  No
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 1.6 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No
- Water - Samples properly preserved? Yes  No

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

**Craig Chawla**

---

**From:** Tom Brecheisen [tom@beichicago.com]  
**Sent:** Tuesday, August 17, 2010 11:43 AM  
**To:** Craig Chawla  
**Subject:** Re: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL 10080183

Hi Craig,

Please analyze the following soil samples previously submitted on HOLD:

B-6 (3-6) - STAT ID 10080183-28A  
TCLP RCRA 8 Metals

B-1 (6-9) - STAT ID 10080183-003A  
Chromium

B-4 (6-9) - STAT ID 10080183-018A  
Antimony  
Arsenic  
Lead  
Mercury

B-5 (6-9) - STAT ID 10080183-023A  
Antimony  
Arsenic  
Lead  
Selenium  
Mercury

B-6 (6-9) - STAT ID 10080183-029A  
Arsenic  
Chromium  
Lead  
Mercury

B-5 (0-3) - STAT ID 10080183-021A  
Foc

B-7 (6-9) - STAT ID 10080183-034A  
Foc

Please let me know if you have any questions or comments.

Thank you,  
Tom

On Aug 12, 2010, at 4:30 PM, Craig Chawla wrote:

Tom,

Attached is the report for project 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL received 8/5/2010.

Let me know if additional analysis is needed.

8/17/2010

## Craig Chawla

---

**From:** tom@beichicago.com  
**Sent:** Tuesday, August 31, 2010 2:08 PM  
**To:** Craig Chawla  
**Subject:** Re: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL 10080183

Hi Craig,

Please analyze soil sample B-1 (9-12) for chromium (10080183-004A).

Please analyze soil sample B-4 (6-9) for iron (10080183-018A).

Please analyze soil sample B-1 (0-3) for TCLP chromium (10080183-001A).

Thank you,  
Tom

Quoting Craig Chawla <cchawla@statanalysis.com>:

> Tom,  
>  
> Attached is the report containing additional analysis for project  
> 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL received 8/5/2010.  
>  
> Craig Chawla  
> STAT Analysis Corporation  
> 2242 W. Harrison, Suite 200  
> Chicago, IL 60612  
> (312)733-0551  
>  
> The information contained in this e-mail message and any attachments  
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> individual or entities named above. If the reader of this message is  
> not the intended recipient you are hereby notified that any  
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> strictly prohibited. If you have received this communication in  
> error, please notify us immediately by e-mail at the originating  
> address.  
> <<10080183(BEI).pdf>> <<10080183(BEI)TACOind.xls>>  
> <<10080183(BEI)TACOres.xls>>  
>



# **GRACE ANALYTICAL LAB, INC.**

5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



August 24, 2010

Tom Brecheisen  
Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago, IL 60614

Project ID: 10-DOE-0012/1807-15 N. Kimball

Grace Analytical Job ID: 0080502

The above referenced project was analyzed as directed on the enclosed Chain of Custody record.

Analyses were performed in accordance with requirements of 35 IAC 186(Accreditation #100246) and within holding time. Quality control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference.

Request for duplications or reproductions of these analytical reports must be made in writing to GAL and signed by an authorized agent. The analytical results relate only to the samples analyzed.

Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (708) 449-9449 or e-mail [sk@gracelabinc.com](mailto:sk@gracelabinc.com).

Sincerely,

Steven Kim  
Laboratory Director  
Grace Analytical Lab, Inc.



# GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/24/10 11:31

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1 (9-12)	0080502-04	Soil	08/04/10 10:30	08/05/10 19:30



# GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

Reported:  
08/24/10 11:31

**Client Sample ID: B-1 (9-12)**  
**Lab Sample ID: 0080502-04 (Soil)**

Analyte	Result	Reporting		Dilution	Prepared	Analyzed	Method	Qualifiers
		Limit	Units					
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Acetone	ND	0.05	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Benzene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Styrene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Toluene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg wet	1	08/17/10	08/17/10	EPA 8260B	



# GRACE ANALYTICAL LAB, INC.

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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/24/10 11:31

## Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference



# **GRACE ANALYTICAL LAB, INC.**

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August 23, 2010

Tom Brecheisen  
Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago, IL 60614

Project ID: 10-DOE-0012/1807-15 N. Kimball  
Grace Analytical Job ID: 0080502

The above referenced project was analyzed as directed on the enclosed Chain of Custody record.

Analyses were performed in accordance with requirements of 35 IAC 186(Accreditation #100246) and within holding time. Quality control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference.

Request for duplications or reproductions of these analytical reports must be made in writing to GAL and signed by an authorized agent. The analytical results relate only to the samples analyzed.

Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (708) 449-9449 or e-mail [sk@gracelabinc.com](mailto:sk@gracelabinc.com).

Sincerely,

Steven Kim  
Laboratory Director  
Grace Analytical Lab, Inc.



# GRACE ANALYTICAL LAB, INC.

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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/23/10 13:04

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-2 (6-9)	0080502-09	Soil	08/04/10 11:25	08/05/10 19:30
B-5 (3-6)	0080502-23	Soil	08/04/10 13:50	08/05/10 19:30
B-5 (6-9)	0080502-24	Soil	08/04/10 13:55	08/05/10 19:30
B-6 (9-12)	0080502-31	Soil	08/04/10 15:10	08/05/10 19:30
B-7 (9-12)	0080502-36	Soil	08/04/10 15:50	08/05/10 19:30



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/23/10 13:04

**Client Sample ID: B-2 (6-9)**

**Lab Sample ID: 0080502-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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### TCLP Volatile Organic Compounds by EPA Method 1311/8260A

1,1-Dichloroethylene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
1,2-Dichloroethane	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
2-Butanone	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Benzene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Carbon Tetrachloride	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Chlorobenzene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Chloroform	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Tetrachloroethene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Trichloroethene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Vinyl chloride	ND	0.002	mg/L	1	08/19/10	08/19/10	1311/ 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/23/10 13:04

**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>TCLP Volatile Organic Compounds by EPA Method 1311/8260A</b>								
1,1-Dichloroethylene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
1,2-Dichloroethane	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
2-Butanone	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Benzene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Carbon Tetrachloride	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Chlorobenzene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Chloroform	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Tetrachloroethene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Trichloroethene	ND	0.005	mg/L	1	08/19/10	08/19/10	1311/ 8260B	
Vinyl chloride	ND	0.002	mg/L	1	08/19/10	08/19/10	1311/ 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

Reported:  
08/23/10 13:04

Client Sample ID: B-5 (6-9)

Lab Sample ID: 0080502-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>942</b>	2.50	mg/kg dry	500	08/19/10	08/19/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
<b>trans-1,2-Dichloroethylene</b>	<b>7.34</b>	2.50	mg/kg dry	500	08/19/10	08/19/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>44.2</b>	1.00	mg/kg dry	500	08/19/10	08/19/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

Reported:  
08/23/10 13:04

Client Sample ID: B-6 (9-12)

Lab Sample ID: 0080502-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>0.08</b>	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	



# GRACE ANALYTICAL LAB, INC.

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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

Reported:  
08/23/10 13:04

Client Sample ID: B-7 (9-12)

Lab Sample ID: 0080502-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry	1	08/19/10	08/19/10	EPA 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/23/10 13:04

## Notes and Definitions

- QM-09 The spike recovery was outside acceptance limits for LCS. The batch was accepted based on the valid recovery of other LCS.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



# **GRACE ANALYTICAL LAB, INC.**

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August 16, 2010

Tom Brecheisen  
Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago, IL 60614

Project ID: 10-DOE-0012/1807-15 N. Kimball

Grace Analytical Job ID: 0080502

The above referenced project was analyzed as directed on the enclosed Chain of Custody record.

Analyses were performed in accordance with requirements of 35 IAC 186(Accreditation #100246) and within holding time. Quality control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference.

Request for duplications or reproductions of these analytical reports must be made in writing to GAL and signed by an authorized agent. The analytical results relate only to the samples analyzed.

Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (708) 449-9449 or e-mail [sk@gracelabinc.com](mailto:sk@gracelabinc.com).

Sincerely,

Steven Kim  
Laboratory Director  
Grace Analytical Lab, Inc.



# GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/16/10 16:58

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-2 (9-12)	0080502-10	Soil	08/04/10 11:35	08/05/10 19:30
B-6 (6-9)	0080502-30	Soil	08/04/10 15:00	08/05/10 19:30
B-7 (6-9)	0080502-35	Soil	08/04/10 15:40	08/05/10 19:30



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/16/10 16:58

**Client Sample ID: B-2 (9-12)**  
**Lab Sample ID: 0080502-10 (Soil)**

Analyte	Result	Reporting		Dilution	Prepared	Analyzed	Method	Qualifiers
		Limit	Units					
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>1,1,2-Trichloroethane</b>	<b>0.05</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>1,1-Dichloroethylene</b>	<b>0.05</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>Chloroform</b>	<b>6.13</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>1.16</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>Ethylbenzene</b>	<b>0.01</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>0.04</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>Toluene</b>	<b>0.28</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>trans-1,2-Dichloroethylene</b>	<b>0.06</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>Trichloroethene</b>	<b>408</b>	0.25	mg/kg dry	50	08/13/10	08/16/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>0.16</b>	0.002	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	
<b>Xylenes, total</b>	<b>0.05</b>	0.005	mg/kg dry	1	08/13/10	08/16/10	EPA 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

Reported:  
08/16/10 16:58

Client Sample ID: B-6 (6-9)

Lab Sample ID: 0080502-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.02</b>	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>0.02</b>	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

Reported:  
08/16/10 16:58

Client Sample ID: B-7 (6-9)

Lab Sample ID: 0080502-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
<b>Benzene</b>	<b>0.008</b>	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.009</b>	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry	1	08/13/10	08/13/10	EPA 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/16/10 16:58

**Client Sample ID: B-7 (6-9)**

**Lab Sample ID: 0080502-35 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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### Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Acenaphthene	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Acenaphthylene	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Anthracene	ND	0.08	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Benzo (a) anthracene	ND	0.008	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Benzo (a) pyrene	ND	0.02	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.01	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.02	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.01	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Chrysene	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.02	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Fluoranthene	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Fluorene	ND	0.03	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.02	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Naphthalene	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Phenanthrene	ND	0.03	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	
Pyrene	ND	0.05	mg/kg dry	1	08/13/10	08/13/10	EPA 8270C	



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Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/16/10 16:58

## Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference



# **GRACE ANALYTICAL LAB, INC.**

5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



August 12, 2010

Tom Brecheisen  
Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago, IL 60614

Project ID: 10-DOE-0012/1807-15 N. Kimball

Grace Analytical Job ID: 0080502

The above referenced project was analyzed as directed on the enclosed Chain of Custody record.

Analyses were performed in accordance with requirements of 35 IAC 186(Accreditation #100246) and within holding time. Quality control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference.

Request for duplications or reproductions of these analytical reports must be made in writing to GAL and signed by an authorized agent. The analytical results relate only to the samples analyzed.

Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (708) 449-9449 or e-mail [sk@gracelabinc.com](mailto:sk@gracelabinc.com).

Sincerely,

Steven Kim  
Laboratory Director  
Grace Analytical Lab, Inc.



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1 (0-3)	0080502-01	Soil	08/04/10 10:15	08/05/10 19:30
B-1 (3-6)	0080502-02	Soil	08/04/10 10:20	08/05/10 19:30
B-1 (6-9)	0080502-03	Soil	08/04/10 10:25	08/05/10 19:30
B-2 (3-6)	0080502-08	Soil	08/04/10 11:15	08/05/10 19:30
B-2 (6-9)	0080502-09	Soil	08/04/10 11:25	08/05/10 19:30
B-3 (3-6)	0080502-12	Soil	08/04/10 12:05	08/05/10 19:30
B-3 (6-9)	0080502-13	Soil	08/04/10 12:10	08/05/10 19:30
B-4 (0-3)	0080502-16	Soil	08/04/10 12:45	08/05/10 19:30
B-4 (3-6)	0080502-17	Soil	08/04/10 12:50	08/05/10 19:30
B-4 (6-9)	0080502-18	Soil	08/04/10 12:55	08/05/10 19:30
B-4 (9-12)	0080502-19	Soil	08/04/10 13:05	08/05/10 19:30
B-5 (0-3)	0080502-22	Soil	08/04/10 13:45	08/05/10 19:30
B-5 (3-6)	0080502-23	Soil	08/04/10 13:50	08/05/10 19:30
B-5 (6-9)	0080502-24	Soil	08/04/10 13:55	08/05/10 19:30
B-5 (9-12)	0080502-25	Soil	08/04/10 14:05	08/05/10 19:30
B-6 (0-3)	0080502-28	Soil	08/04/10 14:50	08/05/10 19:30
B-6 (3-6)	0080502-29	Soil	08/04/10 14:55	08/05/10 19:30
B-7 (0-3)	0080502-33	Soil	08/04/10 15:30	08/05/10 19:30
B-7 (3-6)	0080502-34	Soil	08/04/10 15:35	08/05/10 19:30
B-8 (0-3)	0080502-38	Soil	08/04/10 16:50	08/05/10 19:30



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (0-3)**

**Lab Sample ID: 0080502-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>92.3</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (0-3)**

**Lab Sample ID: 0080502-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	



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1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (0-3)**

**Lab Sample ID: 0080502-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>0.01</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.03</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (0-3)**

**Lab Sample ID: 0080502-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
<b>Anthracene</b>	<b>0.12</b>	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>2.42</b>	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>4.58</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>6.29</b>	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>3.76</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>2.09</b>	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>2.58</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Dibenz (a,h) anthracene</b>	<b>0.25</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>2.16</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>3.45</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Phenanthrene</b>	<b>0.45</b>	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>1.94</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (3-6)**

**Lab Sample ID: 0080502-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>81.3</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) anthracene	ND	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>0.05</b>	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>0.15</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.02</b>	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Chrysene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluoranthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.11</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pyrene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (6-9)**

**Lab Sample ID: 0080502-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>81.7</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>0.05</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-1 (6-9)**

**Lab Sample ID: 0080502-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.09</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (3-6)**

**Lab Sample ID: 0080502-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	72.5		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (3-6)**

**Lab Sample ID: 0080502-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Benzene</b>	<b>0.008</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	



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Project Name: CDOE  
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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (3-6)**

**Lab Sample ID: 0080502-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>0.2</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>0.05</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Toluene</b>	<b>0.008</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.3</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Xylenes, total</b>	<b>0.006</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (3-6)**

**Lab Sample ID: 0080502-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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**Client Sample ID: B-2 (3-6)**

**Lab Sample ID: 0080502-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Anthracene	ND	0.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (a) anthracene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (a) pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Chrysene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (3-6)**

**Lab Sample ID: 0080502-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Fluoranthene</b>	<b>0.18</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Phenanthrene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Pyrene</b>	<b>0.23</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (6-9)**

**Lab Sample ID: 0080502-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>80.8</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Benzene</b>	<b>0.2</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>368</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	



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Project Manager: Tom Brecheisen

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**Client Sample ID: B-2 (6-9)**

**Lab Sample ID: 0080502-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Ethylbenzene</b>	<b>3</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>1</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
<b>Toluene</b>	<b>10</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
<b>trans-1,2-Dichloroethylene</b>	<b>8</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Trichloroethene</b>	<b>599</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>11</b>	0.2	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
<b>Xylenes, total</b>	<b>4</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-2 (6-9)**

**Lab Sample ID: 0080502-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Anthracene	ND	0.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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**Client Sample ID: B-2 (6-9)**

**Lab Sample ID: 0080502-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Benzo (a) anthracene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (a) pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Chrysene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Fluoranthene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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**Lab Sample ID: 0080502-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Phenanthrene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Project Name: CDOE  
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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-3 (3-6)**

**Lab Sample ID: 0080502-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	82.2		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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**Client Sample ID: B-3 (3-6)**

**Lab Sample ID: 0080502-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	



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**Lab Sample ID: 0080502-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.01</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Lab Sample ID: 0080502-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Benzo (a) anthracene	ND	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Chrysene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluoranthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pyrene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Reported:**  
08/12/10 16:38

**Client Sample ID: B-3 (6-9)**

**Lab Sample ID: 0080502-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>78.1</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>1</b>	<b>0.5</b>	<b>mg/kg dry wt. dry</b>	<b>100</b>	<b>08/06/10</b>	<b>08/06/10</b>	<b>EPA 8260B</b>	



# GRACE ANALYTICAL LAB, INC.

5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-3 (6-9)**

**Lab Sample ID: 0080502-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Trichloroethene</b>	<b>2</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) anthracene	ND	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Client Sample ID: B-3 (6-9)**

**Lab Sample ID: 0080502-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Chrysene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluoranthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pyrene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (0-3)**

**Lab Sample ID: 0080502-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	90.9		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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**Client Sample ID: B-4 (0-3)**

**Lab Sample ID: 0080502-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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**Client Sample ID: B-4 (0-3)**

**Lab Sample ID: 0080502-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Anthracene</b>	<b>0.36</b>	0.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>1.28</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>1.15</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>1.57</b>	0.06	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>0.60</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.68</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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**Client Sample ID: B-4 (0-3)**

**Lab Sample ID: 0080502-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Chrysene</b>	<b>1.67</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Fluoranthene</b>	<b>2.33</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.48</b>	0.13	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (0-3)**

**Lab Sample ID: 0080502-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Phenanthrene</b>	<b>1.66</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	
<b>Pyrene</b>	<b>2.45</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/09/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (3-6)**

**Lab Sample ID: 0080502-17 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	85.3		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	0.13	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	0.10	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	0.87	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) anthracene	2.83	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	2.77	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (b) fluoranthene	3.48	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (g,h,i) perylene	1.70	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (k) fluoranthene	0.97	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Chrysene	2.58	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	0.10	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluoranthene	4.95	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	0.18	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	1.43	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	0.25	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	3.04	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pyrene	4.70	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (6-9)**

**Lab Sample ID: 0080502-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>79.6</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>1,1-Dichloroethylene</b>	<b>2</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>872</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (6-9)**

**Lab Sample ID: 0080502-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>5</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>trans-1,2-Dichloroethylene</b>	<b>15</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>10</b>	0.2	mg/kg dry wt. dry	100	08/06/10	08/06/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/06/10	EPA 8260B	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (9-12)**

**Lab Sample ID: 0080502-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>79.2</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Chloroethane</b>	<b>0.3</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>20</b>	2	mg/kg dry wt. dry	500	08/06/10	08/09/10	EPA 8260B	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (9-12)**

**Lab Sample ID: 0080502-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>0.2</b>	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (9-12)**

**Lab Sample ID: 0080502-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (9-12)**

**Lab Sample ID: 0080502-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Benzo (a) anthracene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Chrysene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluoranthene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-4 (9-12)**

**Lab Sample ID: 0080502-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (0-3)**

**Lab Sample ID: 0080502-22 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>93.3</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>0.12</b>	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>0.11</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>0.15</b>	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>0.17</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.07</b>	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>0.11</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>0.21</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.12</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Phenanthrene</b>	<b>0.08</b>	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>0.19</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	82.3		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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Project Manager: Tom Brecheisen

**Reported:**  
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**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Benzene</b>	<b>0.4</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	



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Project Manager: Tom Brecheisen

**Reported:**  
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**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>8</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/07/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>0.5</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Toluene</b>	<b>0.3</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Trichloroethene</b>	<b>73</b>	0.5	mg/kg dry wt. dry	100	08/06/10	08/07/10	EPA 8260B	
<b>Vinyl chloride</b>	<b>26</b>	0.2	mg/kg dry wt. dry	100	08/06/10	08/07/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>2-Methylnaphthalene</b>	<b>0.64</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Anthracene</b>	<b>0.39</b>	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>1.07</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>1.10</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>1.20</b>	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>0.69</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.40</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>0.97</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (3-6)**

**Lab Sample ID: 0080502-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>1.90</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.46</b>	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Naphthalene</b>	<b>0.49</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Phenanthrene</b>	<b>1.86</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>2.57</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (6-9)**

**Lab Sample ID: 0080502-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	81.7		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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**Client Sample ID: B-5 (6-9)**

**Lab Sample ID: 0080502-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Manager: Tom Brecheisen

**Reported:**  
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**Client Sample ID: B-5 (6-9)**

**Lab Sample ID: 0080502-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) anthracene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (b) fluoranthene	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (g,h,i) perylene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (k) fluoranthene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Client Sample ID: B-5 (6-9)**

**Lab Sample ID: 0080502-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Chrysene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluoranthene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Indeno(1,2,3-cd)pyrene	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Client Sample ID: B-5 (6-9)**

**Lab Sample ID: 0080502-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pyrene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-5 (9-12)**

**Lab Sample ID: 0080502-25 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>77.7</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>1,1-Dichloroethylene</b>	<b>4</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>990</b>	5	mg/kg dry wt. dry	1000	08/06/10	08/09/10	EPA 8260B	



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**Reported:**  
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**Client Sample ID: B-5 (9-12)**

**Lab Sample ID: 0080502-25 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>Tetrachloroethene</b>	<b>14</b>	5	mg/kg dry wt. dry	1000	08/06/10	08/09/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
<b>trans-1,2-Dichloroethylene</b>	<b>14</b>	5	mg/kg dry wt. dry	1000	08/06/10	08/09/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Trichloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/09/10	EPA 8260B	



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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (0-3)**

**Lab Sample ID: 0080502-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	87.8		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



# GRACE ANALYTICAL LAB, INC.

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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (0-3)**

**Lab Sample ID: 0080502-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>gamma-BHC (Lindane)</b>	<b>0.04</b>	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (0-3)**

**Lab Sample ID: 0080502-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>0.02</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.08</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (0-3)**

**Lab Sample ID: 0080502-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>2-Methylnaphthalene</b>	<b>0.19</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (0-3)**

**Lab Sample ID: 0080502-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Anthracene</b>	<b>0.73</b>	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>2.42</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>2.21</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>2.67</b>	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>0.99</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.81</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>2.20</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (0-3)**

**Lab Sample ID: 0080502-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>4.26</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.88</b>	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Naphthalene</b>	<b>0.25</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Phenanthrene</b>	<b>3.95</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>5.47</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (3-6)**

**Lab Sample ID: 0080502-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	76.6		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDT	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (3-6)**

**Lab Sample ID: 0080502-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon disulfide	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (3-6)**

**Lab Sample ID: 0080502-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>cis-1,2-Dichloroethylene</b>	<b>0.1</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Trichloroethene</b>	<b>1</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Xylenes, total</b>	<b>0.01</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (3-6)**

**Lab Sample ID: 0080502-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (3-6)**

**Lab Sample ID: 0080502-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	ND	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>0.21</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>0.29</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>0.36</b>	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>0.25</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.16</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>0.25</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-6 (3-6)**

**Lab Sample ID: 0080502-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>0.30</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.19</b>	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenanthrene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>0.44</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-7 (0-3)**

**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>80.8</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Pesticides and PCBs</b>								
4,4'-DDD	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
4,4'-DDE	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>4,4'-DDT</b>	<b>0.11</b>	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aldrin	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
alpha-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1016	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1221	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1232	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1242	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1248	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1254	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Aroclor-1260	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
beta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Chlordane	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
delta-BHC	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Dieldrin	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan I	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan II	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endosulfan sulfate	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Endrin</b>	<b>0.07</b>	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Endrin aldehyde	ND	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	



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Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-7 (0-3)**

**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Chlorinated Pesticides and PCBs</b>								
Endrin ketone	0.05	0.02	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
gamma-BHC (Lindane)	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Heptachlor epoxide	ND	0.008	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Methoxychlor	ND	0.08	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
Toxaphene	ND	0.16	mg/kg dry wt. dry	1	08/10/10	08/10/10	EPA 8081A/8082	
<b>Chlorinated Herbicides</b>								
2,4,5-T	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
2,4,5-TP (Silvex)	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
2,4-D	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
Dalapon	ND	0.05	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
Dinoseb	ND	0.02	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
Picloram	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	



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5300-B McDermott Drive • Berkeley, IL 60163 • Tel. (708) 449-9449



Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-7 (0-3)**

**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Carbon disulfide</b>	<b>0.01</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	



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**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Volatile Organic Compounds</b>								
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.03</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylnaphthalene	ND	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Client Sample ID: B-7 (0-3)**

**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Anthracene</b>	<b>0.41</b>	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) anthracene</b>	<b>1.76</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>1.91</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>2.24</b>	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>1.21</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.66</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Project Manager: Tom Brecheisen

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**Client Sample ID: B-7 (0-3)**

**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>1.95</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>3.38</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.82</b>	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Naphthalene	ND	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Client Sample ID: B-7 (0-3)**

**Lab Sample ID: 0080502-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
<b>Phenanthrene</b>	<b>2.25</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>4.56</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Reported:**  
08/12/10 16:38

**Client Sample ID: B-7 (3-6)**

**Lab Sample ID: 0080502-34 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
<b>% Solids</b>	<b>86.0</b>		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Volatile Organic Compounds</b>								
1,1,1-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1,2-Trichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,1-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
1,2-Dichloropropane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Butanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
2-Hexanone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Acetone	ND	0.05	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Benzene</b>	<b>0.007</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromodichloromethane	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromoform	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Bromomethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Carbon disulfide</b>	<b>0.02</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Carbon Tetrachloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chlorobenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloroform	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Chloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
cis-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	



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<b>Volatile Organic Compounds</b>								
cis-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Dibromochloromethane	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl Isobutyl Ketone	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methylene Chloride	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Methyl-tert-Butyl Ether	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Styrene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Tetrachloroethene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,2-Dichloroethylene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
trans-1,3-Dichloropropylene	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Trichloroethene</b>	<b>0.04</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Vinyl chloride	ND	0.002	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Xylenes, total</b>	<b>0.008</b>	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Semivolatile Organic Compounds</b>								
1,2,4-Trichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,2-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,3-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
1,4-Dichlorobenzene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,5-Trichlorophenol	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4,6-Trichlorophenol	ND	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dichlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dimethylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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**Lab Sample ID: 0080502-34 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
2,4-Dinitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,4-Dinitrotoluene	ND	0.21	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2,6-Dinitrotoluene	ND	0.10	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chloronaphthalene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Chlorophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>2-Methylnaphthalene</b>	<b>0.40</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Methylphenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
2-Nitrophenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3,3'-Dichlorobenzidine	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3/4-Methylphenol	ND	0.83	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
3-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4,6-Dinitro-2-methylphenol	ND	2.00	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Bromophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloro-3-methylphenol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chloroaniline	ND	0.33	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Chlorophenyl phenyl ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitroaniline	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
4-Nitrophenol	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthene	ND	0.15	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Anthracene</b>	<b>0.43</b>	0.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



# GRACE ANALYTICAL LAB, INC.

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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-7 (3-6)**

**Lab Sample ID: 0080502-34 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
<b>Benzo (a) anthracene</b>	<b>1.65</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (a) pyrene</b>	<b>1.88</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (b) fluoranthene</b>	<b>2.03</b>	0.06	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (g,h,i) perylene</b>	<b>1.21</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Benzo (k) fluoranthene</b>	<b>0.75</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzyl alcohol	ND	1.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethoxy)methane	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroethyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Bis(2-ethylhexyl)phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Butyl benzyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Carbazole	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Chrysene</b>	<b>1.53</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenz (a,h) anthracene	ND	0.11	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dibenzofuran	ND	0.22	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Diethyl phthalate	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Dimethyl phthalate	ND	3.30	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-butyl phthalate	ND	0.50	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Di-n-octyl phthalate	ND	0.86	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>3.25</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Fluorene	ND	0.14	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorobenzene	ND	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-7 (3-6)**

**Lab Sample ID: 0080502-34 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Semivolatile Organic Compounds</b>								
Hexachlorobutadiene	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachlorocyclopentadiene	ND	0.17	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Hexachloroethane	ND	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>0.87</b>	0.13	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Isophorone	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Naphthalene</b>	<b>0.37</b>	0.09	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Nitrobenzene	ND	0.24	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
N-Nitrosodiphenylamine	ND	0.67	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Pentachlorophenol	ND	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Phenanthrene</b>	<b>2.51</b>	0.12	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Phenol	ND	0.66	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>4.77</b>	0.07	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-8 (0-3)**

**Lab Sample ID: 0080502-38 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Percent Solids</b>								
% Solids	82.0		% by Weight	1	08/06/10	08/06/10	2540B	
<b>Chlorinated Herbicides</b>								
2,4,5-T	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
2,4,5-TP (Silvex)	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
2,4-D	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
Dalapon	ND	0.05	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
Dinoseb	ND	0.02	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
Picloram	ND	0.01	mg/kg dry wt.	1	08/11/10	08/12/10	EPA 8151A	
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
Benzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Ethylbenzene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Toluene	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
Xylenes, total	ND	0.005	mg/kg dry wt. dry	1	08/06/10	08/07/10	EPA 8260B	
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
Acenaphthene	0.67	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Acenaphthylene	0.35	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Anthracene	2.47	0.08	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) anthracene	9.27	0.008	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (a) pyrene	9.36	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (b) fluoranthene	11.5	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (g,h,i) perylene	4.63	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Benzo (k) fluoranthene	3.95	0.01	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
Chrysene	8.17	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

**Client Sample ID: B-8 (0-3)**

**Lab Sample ID: 0080502-38 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
<b>Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring</b>								
<b>Dibenz (a,h) anthracene</b>	<b>0.35</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluoranthene</b>	<b>17.6</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Fluorene</b>	<b>0.78</b>	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Indeno(1,2,3-cd)pyrene</b>	<b>4.29</b>	0.02	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Naphthalene</b>	<b>0.41</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Phenanthrene</b>	<b>7.63</b>	0.03	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	
<b>Pyrene</b>	<b>15.2</b>	0.05	mg/kg dry wt. dry	1	08/09/10	08/10/10	EPA 8270C	



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Brecheisen Engineering, Inc.  
1700 N. North Park Ave, S-B  
Chicago IL, 60614

Project Name: CDOE  
Project Number: 10-DOE-0012/1807-15 N. Kimball  
Project Manager: Tom Brecheisen

**Reported:**  
08/12/10 16:38

## Notes and Definitions

- S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-09 The spike recovery was outside acceptance limits for LCS. The batch was accepted based on the valid recovery of other LCS.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

# Grace Analytical lab, inc.

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## GRACE ANALYTICAL LAB, INC.

PHONE (708) 449-9449 FAX (708) 449-3663  
5300-B McDermott Drive Berkeley, IL 60163

CHAIN OF CUSTODY PAGE 1 OF 4

0080502

**CLIENT INFORMATION**

Project Manager: Tom Brecheisen  
Company: Brecheisen Engineering  
1700 N. North Park Ave. 5-B  
Chicago, IL 60614  
Phone: 312-640-1648 Fax:  
Project Name: 1807-15 N. Kimball  
Project ID#: 10-DOE-0212  
Sampler: Tom Brecheisen

**SAMPLE RECEIVING RECORDS**

Samples Received On Ice  YES  NO  
Sample Temperature (if not On Ice) 4°C  
Samples Intact/Not Leaking  YES  NO

**SAMPLE CHARACTERISTICS**

NONHAZARDOUS  
 Special Handling Required (Please Describe)

**TURNAROUND**

Date Required: 8-12-10  
Schedule in advance to insure RUSH Processing  
Comments / Special Instructions: Analysis must meet MDLs, specified in 35 IAC 742.

UC Levels	None
	Level 2
	Level 3
	Level 4

GAL SAMPLE ID	FIELD ID, LOCATION / DESCRIPTION	DATE	TIME	MATRIX	Number Containers	PRESERVATIVE	ANALYSIS NEEDED				REMARKS
							SVOC	PCBS / PBT	Herbicides	PMTs	
0080502-01	B-1 (0-3)	8-4-10	10:15	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2.5
-02	B-1 (3-6)	8-4-10	10:20	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.5
-03	B-1 (6-9)	8-4-10	10:25	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.7
-04	B-1 (9-12)	8-4-10	10:30	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold 0.4
-05	B-1 (12-16)	8-4-10	10:40	S	1	None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold 0.4
-06	B-1 (16-20)	8-4-10	10:50	S	1	None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold 0.4
-07	B-1 (20-24)	8-4-10	11:00	S	1	None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold 0.4
-08	B-2 (3-6)	8-4-10	11:15	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7.2
-09	B-2 (6-9)	8-4-10	11:25	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	217.0
-10	B-2 (9-12)	8-4-10	11:35	S	4	MtOH NaHSO4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold 15.2

MATRIX: Soil (S), Surface Water (SW), Ground Water (GW), Waste Water (WW), Waste/Solid (W/S), Drinking Water (DW), Air Cassettes (AC); Note if COMPOSITE (C) or GRAB (G)  
PRESERVATIVE: Nitric Acid (HNO3), Hydrochloric Acid (HCl), Sodium Hydroxide (NaOH), Sulfuric Acid (H2SO4), Sodium Bisulfate (NaHSO4), Methanol(CH3OH), None

Reinquired By (Signature): <i>Theresa A. Brecheisen</i>	Date/Time: 8-5-10/19:30	Reinquired By (Signature):	Date/Time:
Reinquired By (Signature):	Date/Time:	Reinquired By (Signature):	Date/Time:
Received For Lab By (Signature): <i>Tom Brecheisen</i>	Date/Time: 8/5/10, 19:30	Received For Lab By (Signature):	Date/Time:

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# Grace Analytical lab, inc.

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## GRACE ANALYTICAL LAB, INC.

PHONE (708) 449-9449 FAX (708) 449-3663  
5300-B McDermott Drive Berkeley, IL 60163

**CLIENT INFORMATION**

Project Manager: Tom Brecheisen  
Company: Brecheisen Engineering  
1700 N. North Park Ave. 5-B  
Chicago, IL 60614  
Phone: 312-640-1648 Fax:  
Project Name: 1807-15 N. Kimball  
Project ID#: 10-DOE-0012  
Sampler: Tom Brecheisen

**SAMPLE RECEIVING RECORDS**

Samples Received On Ice  YES  NO  
Sample Temperature (if not On Ice) 4°C  
Samples Intact/Not Leaking  YES  NO

**SAMPLE CHARACTERISTICS**

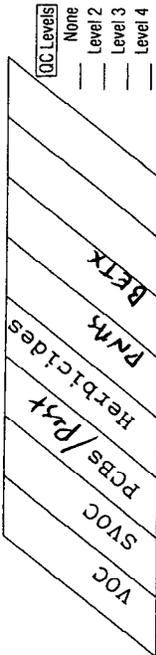
NONHAZARDOUS  
 Special Handling Required (Please Describe)

**TURNAROUND**

Date Required: 8-12-10  
Schedule in advance to insure RUSH Processing  
Comments / Special Instructions: Analysis must meet MDLs specified in 35 IAC 742.

CHAIN OF CUSTODY PAGE 2 OF 4

0080502



GAL SAMPLE ID	FIELD ID, LOCATION / DESCRIPTION	DATE	TIME	MATRIX	Number of Containers	PRESERVATIVE	ANALYSIS NEEDED	REMARKS
0080502-11	B-2 (12-16)	8-4-10	11:45	S	1	None		Hold 1.4
-12	B-3 (3-6)	8-4-10	12:05	S	4	MeOH NaHSO4	✓	2.9
-13	B-3 (6-9)	8-4-10	12:10	S	4	MeOH NaHSO4	✓	307.0
-14	B-3 (9-12)	8-4-10	12:20	S	4	MeOH NaHSO4		Hold 1.1
-15	B-3 (12-16)	8-4-10	12:30	S	1	None		Hold 0.5
-16	B-4 (0-3)	8-4-10	12:45	S	4	MeOH NaHSO4	✓	2.8
-17	B-4 (3-6)	8-4-10	12:50	S	4	MeOH NaHSO4	✓	26.0
-18	B-4 (6-9)	8-4-10	12:55	S	4	MeOH NaHSO4	✓	521.0
-19	B-4 (9-12)	8-4-10	13:05	S	4	MeOH NaHSO4	✓	674.0
-20	B-4 (12-16)	8-4-10	13:15	S	4	MeOH NaHSO4		Hold 2.4.3

MATRIX: Soil (S), Surface Water (SW), Ground Water (GW), Waste Water (WW), Waste/Solid (W/S), Drinking Water (DW), Air Cassettes (AC); Note if COMPOSITE (C) or GRAB (G)  
PRESERVATIVE: Nitric Acid (HNO3), Hydrochloric Acid (HCl), Sodium Hydroxide (NaOH), Sulfuric Acid (H2SO4), Sodium Bisulfate (NaHSO4), Methanol(CH3OH), None

Relinquished By (Signature): Thomas A. Brecheisen	Relinquished By (Signature):	Relinquished By (Signature):	Relinquished By (Signature):
Date/Time: 8-5-10/19:30	Date/Time:	Date/Time:	Date/Time:
Received For Lab By (Signature):	Received For Lab By (Signature):	Received For Lab By (Signature):	Received For Lab By (Signature):
Date/Time: 8/5/10, 19:30	Date/Time:	Date/Time:	Date/Time:

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# Grace Analytical lab, inc.

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## GRACE ANALYTICAL LAB, INC.

PHONE (708) 449-9449 FAX (708) 449-3663  
5300-B McDermott Drive Berkeley, IL 60163

**CLIENT INFORMATION**

Project Manager: Tom Brecheisen  
Company: Brecheisen Engineering  
1700 N. North Park Ave. 5-B  
Chicago, IL 60614  
Phone: 312-640-1648 Fax:  
Project Name: 1807-15 N. Kimball  
Project ID #: 10-DOE-0212  
Sampler: Tom Brecheisen

**SAMPLE RECEIVING RECORDS**

Samples Received On Ice  YES  NO  
Sample Temperature (If not On Ice) 40°C  
Samples Intact/Not Leaking  YES  NO

**SAMPLE CHARACTERISTICS**

NONHAZARDOUS  
 Special Handling Required (Please Describe)

CHAIN OF CUSTODY PAGE 3 OF 4

0080502

**TURNAROUND**

Date Required: 8-12-10  
Schedule in advance to insure RUSH Processing  
Comments / Special Instructions: Analysis must meet MDLs, specified in 35 IAC 742.

VOC	PCBS / PBT	Herbicides	PNMs	BTEX
-----	------------	------------	------	------

QC Levels  
None  
Level 2  
Level 3  
Level 4

GAL SAMPLE ID	FIELD ID, LOCATION / DESCRIPTION	DATE	TIME	MATRIX	Number Containers	PRESERVATIVE	ANALYSIS NEEDED	REMARKS
0080502-21	B-4 (16-20)	8-4-10	13:30	S	4	MeOH NaHSO <sub>4</sub>		Hold 1.3
-22	B-5 (0-3)	8-4-10	13:45	S	4	MeOH NaHSO <sub>4</sub>	✓	3.4
-23	B-5 (3-6)	8-4-10	13:50	S	4	MeOH NaHSO <sub>4</sub>	✓	64.2
-24	B-5 (6-9)	8-4-10	13:55	S	4	MeOH NaHSO <sub>4</sub>	✓	1,168.0
-25	B-5 (9-12)	8-4-10	14:05	S	4	MeOH NaHSO <sub>4</sub>	✓	1,951.0
-26	B-5 (12-16)	8-4-10	14:15	S	4	MeOH NaHSO <sub>4</sub>		Hold 1,647.0
-27	B-5 (16-20)	8-4-10	14:30	S	4	MeOH NaHSO <sub>4</sub>		Hold 10.8
-28	B-6 (0-3)	8-4-10	14:50	S	4	MeOH NaHSO <sub>4</sub>	✓	3.7
-29	B-6 (3-6)	8-4-10	14:55	S	4	MeOH NaHSO <sub>4</sub>	✓	542.0
-30	B-6 (6-9)	8-4-10	15:00	S	4	MeOH NaHSO <sub>4</sub>		Hold 3.1

MATRIX: Soil (S), Surface Water (SW), Ground Water (GW), Waste Water (WW), Waste/Solid (W/S), Drinking Water (DW), Air Cassettes (AC); Note if COMPOSITE (C) or GRAB (G)  
PRESERVATIVE: Nitric Acid (HNO<sub>3</sub>), Hydrochloric Acid (HCl), Sodium Hydroxide (NaOH), Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>), Sodium Bisulfate (NaHSO<sub>4</sub>), Methanol(CH<sub>3</sub>OH), None

Relinquished By (Signature): <i>Thomas A. Brecheisen</i>	Date/Time: 8-5-10/19:30	Received By (Signature):	Date/Time:
Relinquished By (Signature):	Date/Time:	Received For Lab By (Signature): <i>Tom Brecheisen</i>	Date/Time: 8/5/10 19:30

WHITE - ORIGINAL FILE COPY    CANARY - LAB COPY    PINK - SAMPLER COPY

# Grace Analytical lab, inc.

5300-B McDermott Dr. Berkeley, IL 60163 . Tel. (708) 449-9449 . . Fax (708) 449-3663

## GRACE ANALYTICAL LAB, INC.

PHONE (708) 449-9449 FAX (708) 449-3663  
5300-B McDermott Drive Berkeley, IL 60163

**CLIENT INFORMATION**

Project Manager: Tom Brecheisen  
Company: Brecheisen Engineering  
1700 N. North Park Ave. 5-B  
Chicago, IL 60614  
Phone: 312-640-1648 Fax:  
Project Name: 1807-15 N. Kimball  
Project ID#: 10-DOE-0212  
Sampler: Tom Brecheisen

**SAMPLE RECEIVING RECORDS**

Samples Received On Ice  YES  NO  
Sample Temperature (if not On Ice) 20.0 °C  
Samples Intact/Not Leaking  YES  NO

**SAMPLE CHARACTERISTICS**

NONHAZARDOUS  
 Special Handling Required (Please Describe)

CHAIN OF CUSTODY PAGE 4 OF 4

0080502

**TURNAROUND**

Date Required: 8-12-10  
Schedule in advance to insure RUSH Processing  
Comments / Special Instructions: Analysis must meet MDLs, specified in 35 IAC 742.

VOC	PCBS / PBT	Herbicides	PNM	BTEX
-----	------------	------------	-----	------

QC Levels  
None  
Level 2  
Level 3  
Level 4

GAL SAMPLE ID	FIELD ID, LOCATION / DESCRIPTION	DATE	TIME	MATRIX	Number Containers	PRESERVATIVE	ANALYSIS NEEDED	REMARKS
0080502-31	B-6 (9-12)	8-4-10	15:10	S	4	MeOH NaHSO <sub>4</sub>		Hold 0.2
-32	B-6 (12-16)	8-4-10	15:20	S	1	None		Hold 0.1
-33	B-7 (0-3)	8-4-10	15:30	S	4	MeOH NaHSO <sub>4</sub>	✓	0.2
-34	B-7 (3-6)	8-4-10	15:35	S	4	MeOH NaHSO <sub>4</sub>	✓	1.3
-35	B-7 (6-9)	8-4-10	15:40	S	4	MeOH NaHSO <sub>4</sub>		0.7
-36	B-7 (9-12)	8-4-10	15:50	S	4	MeOH NaHSO <sub>4</sub>		Hold 0.0
-37	B-7 (12-16)	8-4-10	16:00	S	1	None		Hold 0.0
-38	B-8 (0-3)	8-4-10	16:50	S	4	MeOH NaHSO <sub>4</sub>	✓	0.5
-39	B-8 (3-6)	8-4-10	17:00	S	4	MeOH NaHSO <sub>4</sub>		Hold 0.2

MATRIX: Soil (S), Surface Water (SW), Ground Water (GW), Waste Water (WW), Waste/Solid (W/S), Waste/Liquid (W/L), Drinking Water (DW), Air Cassettes (AC); Note if COMPOSITE (C) or GRAB (G)  
PRESERVATIVE: Nitric Acid (HNO<sub>3</sub>), Hydrochloric Acid (HCl), Sodium Hydroxide (NaOH), Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>), Sodium Bisulfate (NaHSO<sub>4</sub>), Methanol(CH<sub>3</sub>OH), None

Reinquisitioned By (Signature): <i>Thomas A. Brecheisen</i>	Date/Time: 8-5-10/19:30	Reinquisitioned By (Signature):	Date/Time:
Received By (Signature):	Date/Time:	Received For Lab By (Signature): <i>Tom Brecheisen</i>	Date/Time: 8/5/10 19:30

WHITE - ORIGINAL FILE COPY CANARY - LAB COPY PINK - SAMPLER COPY

**Grace Analytical lab, inc.**

5300-B McDermott Dr. Berkeley, IL 60163 . Tel. (708) 449-9449 . . Fax (708) 449-3663

**SAMPLE/COOLER RECEIPT FORM** Grace WO#: 0080502

**Client Name: Brecheisen Eng. Cooler Received/Opened: 08/05/10, 19:30**

**Project ID: 1807-15 N Kimball;10-DOE-0012**

Signed by: Silviya Almsak

Log-In Personnel Signature

- |   | Yes                                 | No                                  | NA                                  |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Temperature of Cooler when triaged: 4.0 °C   |                                     |                                     |                                     |
| 2. Were custody seals on outside of cooler?...  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. Were custody seals on containers intact?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| If YES: Were the seals intact, signed, and dated correctly?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. Were Chain of Custody form inside cooler?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 5. Were Chain of Custody form properly filled out (ink, signed, etc)?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6. Did you sign the Chain of Custody form in the appropriate place?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7. Was there packing material used  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| If YES: <input type="checkbox"/> Bubblewrap <input type="checkbox"/> Peanuts <input type="checkbox"/> Vermiculite <input type="checkbox"/> Other <input type="checkbox"/> None  |                                     |                                     |                                     |
| 8. Cooling process: <input checked="" type="checkbox"/> Ice <input type="checkbox"/> Icepack <input type="checkbox"/> Ice(direct contact) <input type="checkbox"/> Dry ice <input type="checkbox"/> other <input type="checkbox"/> None |                                     |                                     |                                     |
| 9. Did all containers arrive in good condition (unbroken)?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 10. Were all container labels complete (ID #, data, signed, preserv., etc   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 11. Did all container labels and tags agree with Chain of Custody form  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 12. Were correct containers used for the analysis requested   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 13. a. Were Water VOA vials received  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b. Was there any observable head space present in any VOA vial  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 14. Was sufficient amount of sample sent in each container  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 15. Were correct preservatives used   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |

If not, record

16. Was residual chlorine present  Yes  No  NA

17. Indicate the Airbill Tracking Number and Name of Courier below:

Fed-Ex UPS USPS Airborne Route Misc. Hand delivered Picked Up

18. If a Non-Conformance exists, record reason:

**APPENDIX E**

**Groundwater Analytical Results**

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 25, 2010

Brecheisen Engineering, Inc.  
1700 N. North Park Ave.  
Unit 5-B  
Chicago, IL 60614-  
Telephone: (312) 659-0052  
Fax: (312) 640-0115

RE: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

STAT Project No: 10080566

Dear Tom Brecheisen:

STAT Analysis received 2 samples for the referenced project on 8/18/2010 2:25:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

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**Client:** Brecheisen Engineering, Inc.  
**Project:** 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL  
**Lab Order:** 10080566

**Work Order Sample Summary**

---

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
10080566-001A	TMW-1		8/17/2010 4:45:00 PM	8/18/2010
10080566-002A	TMW-3		8/17/2010 5:00:00 PM	8/18/2010

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: August 25, 2010

Date Printed: August 25, 2010

Client: Brecheisen Engineering, Inc.

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab Order: 10080566

Lab ID: 10080566-001

Collection Date: 8/17/2010 4:45:00 PM

Client Sample ID: TMW-1

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Polynuclear Aromatic Hydrocarbons</b>						
	<b>SW8270C-SIM (SW3510C)</b>			Prep Date: 8/20/2010	Analyst: VS	
Acenaphthene	ND	0.001		mg/L	1	8/23/2010
Acenaphthylene	ND	0.001		mg/L	1	8/23/2010
Anthracene	ND	0.001		mg/L	1	8/23/2010
Benzo(a)anthracene	ND	0.0001		mg/L	1	8/23/2010
Benzo(a)pyrene	ND	0.0001		mg/L	1	8/23/2010
Benzo(b)fluoranthene	ND	0.0001		mg/L	1	8/23/2010
Benzo(g,h,i)perylene	ND	0.001		mg/L	1	8/23/2010
Benzo(k)fluoranthene	ND	0.0001		mg/L	1	8/23/2010
Chrysene	ND	0.0001		mg/L	1	8/23/2010
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	8/23/2010
Fluoranthene	ND	0.001		mg/L	1	8/23/2010
Fluorene	ND	0.001		mg/L	1	8/23/2010
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	8/23/2010
Naphthalene	ND	0.001		mg/L	1	8/23/2010
Phenanthrene	ND	0.001		mg/L	1	8/23/2010
Pyrene	ND	0.001		mg/L	1	8/23/2010

Lab ID: 10080566-002

Collection Date: 8/17/2010 5:00:00 PM

Client Sample ID: TMW-3

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Herbicides</b>						
	<b>SW8321A (SW3510C)</b>			Prep Date: 8/19/2010	Analyst: VS	
2,4,5-T	ND	0.0001		mg/L	1	8/19/2010
2,4,5-TP (Silvex)	ND	0.0001		mg/L	1	8/19/2010
2,4-D	ND	0.0002		mg/L	1	8/19/2010
2,4-DB	ND	0.0001		mg/L	1	8/19/2010
Dalapon	ND	0.001		mg/L	1	8/19/2010
Dicamba	ND	0.0001		mg/L	1	8/19/2010
Dichlorprop	ND	0.0001		mg/L	1	8/19/2010
Dinoseb	ND	0.0003		mg/L	1	8/19/2010
MCPA	ND	0.0001		mg/L	1	8/19/2010
MCPP	ND	0.0001		mg/L	1	8/19/2010
Picloram	ND	0.0001	*	mg/L	1	8/19/2010

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



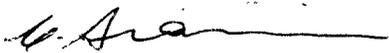
**Sample Receipt Checklist**

Client Name BEI

Date and Time Received: 8/18/2010 2:25:00 PM

Work Order Number 10080566

Received by: CIG

Checklist completed by:   
Signature

8/18/10  
Date

Reviewed by: KL  
Initials

8/18/10  
Date

Matrix: Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 4.3 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by:
- Water - Samples properly preserved? Yes  No  pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 19, 2010

Brecheisen Engineering, Inc.  
1700 N. North Park Ave.  
Unit 5-B  
Chicago, IL 60614-  
Telephone: (312) 659-0052  
Fax: (312) 640-0115

RE: 10-D0E-0012, 1807-15 N. Kimball, Chicago, IL

STAT Project No: 10080386

Dear Tom Brecheisen:

STAT Analysis received 2 samples for the referenced project on 8/12/2010 2:55:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.*

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**Client:** Brecheisen Engineering, Inc.  
**Project:** 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL  
**Lab Order:** 10080386

**Work Order Sample Summary**

---

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
10080386-001A	TMW-2		8/11/2010 5:30:00 PM	8/12/2010
10080386-002A	TMW-3		8/11/2010 5:10:00 PM	8/12/2010

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: August 19, 2010

Date Printed: August 19, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080386

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080386-001

Client Sample ID: TMW-2

Collection Date: 8/11/2010 5:30:00 PM

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>PCBs</b>	<b>SW8082 (SW3510C)</b>			Prep Date: 8/17/2010		Analyst: GVC
Aroclor 1016	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1221	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1232	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1242	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1248	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1254	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1260	ND	0.0005		mg/L	1	8/17/2010
<b>Pesticides</b>	<b>SW8081 (SW3510C)</b>			Prep Date: 8/17/2010		Analyst: GVC
4,4'-DDD	ND	0.00005		mg/L	1	8/19/2010
4,4'-DDE	ND	0.00005		mg/L	1	8/19/2010
4,4'-DDT	ND	0.00005		mg/L	1	8/19/2010
Aldrin	ND	0.00005		mg/L	1	8/19/2010
alpha-BHC	ND	0.00005		mg/L	1	8/19/2010
alpha-Chlordane	ND	0.00005		mg/L	1	8/19/2010
beta-BHC	ND	0.00005		mg/L	1	8/19/2010
Chlordane	ND	0.001		mg/L	1	8/19/2010
delta-BHC	ND	0.00005		mg/L	1	8/19/2010
Dieldrin	ND	0.00005		mg/L	1	8/19/2010
Endosulfan I	ND	0.00005		mg/L	1	8/19/2010
Endosulfan II	ND	0.00005		mg/L	1	8/19/2010
Endosulfan sulfate	ND	0.00005		mg/L	1	8/19/2010
Endrin	ND	0.00005		mg/L	1	8/19/2010
Endrin aldehyde	ND	0.00005		mg/L	1	8/19/2010
Endrin ketone	ND	0.00005		mg/L	1	8/19/2010
gamma-BHC	ND	0.00005		mg/L	1	8/19/2010
gamma-Chlordane	ND	0.00005		mg/L	1	8/19/2010
Heptachlor	ND	0.00005		mg/L	1	8/19/2010
Heptachlor epoxide	ND	0.00005		mg/L	1	8/19/2010
Methoxychlor	ND	0.00005		mg/L	1	8/19/2010
Toxaphene	ND	0.001		mg/L	1	8/19/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: August 19, 2010

Date Printed: August 19, 2010

Client: Brecheisen Engineering, Inc.

Lab Order: 10080386

Project: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

Lab ID: 10080386-002

Client Sample ID: TMW-3

Collection Date: 8/11/2010 5:10:00 PM

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>PCBs</b>	<b>SW8082 (SW3510C)</b>			Prep Date: 8/17/2010	Analyst: GVC	
Aroclor 1016	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1221	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1232	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1242	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1248	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1254	ND	0.0005		mg/L	1	8/17/2010
Aroclor 1260	ND	0.0005		mg/L	1	8/17/2010
<b>Pesticides</b>	<b>SW8081 (SW3510C)</b>			Prep Date: 8/17/2010	Analyst: GVC	
4,4'-DDD	ND	0.00005		mg/L	1	8/19/2010
4,4'-DDE	ND	0.00005		mg/L	1	8/19/2010
4,4'-DDT	ND	0.00005		mg/L	1	8/19/2010
Aldrin	ND	0.00005		mg/L	1	8/19/2010
alpha-BHC	ND	0.00005		mg/L	1	8/19/2010
alpha-Chlordane	ND	0.00005		mg/L	1	8/19/2010
beta-BHC	ND	0.00005		mg/L	1	8/19/2010
Chlordane	ND	0.001		mg/L	1	8/19/2010
delta-BHC	ND	0.00005		mg/L	1	8/19/2010
Dieldrin	ND	0.00005		mg/L	1	8/19/2010
Endosulfan I	ND	0.00005		mg/L	1	8/19/2010
Endosulfan II	ND	0.00005		mg/L	1	8/19/2010
Endosulfan sulfate	ND	0.00005		mg/L	1	8/19/2010
Endrin	ND	0.00005		mg/L	1	8/19/2010
Endrin aldehyde	ND	0.00005		mg/L	1	8/19/2010
Endrin ketone	ND	0.00005		mg/L	1	8/19/2010
gamma-BHC	ND	0.00005		mg/L	1	8/19/2010
gamma-Chlordane	ND	0.00005		mg/L	1	8/19/2010
Heptachlor	ND	0.00005		mg/L	1	8/19/2010
Heptachlor epoxide	ND	0.00005		mg/L	1	8/19/2010
Methoxychlor	ND	0.00005		mg/L	1	8/19/2010
Toxaphene	ND	0.001		mg/L	1	8/19/2010

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded



**Sample Receipt Checklist**

Client Name BEI

Date and Time Received: 8/12/2010 2:55:00 PM

Work Order Number 10080386

Received by: KAL

Checklist completed by: *Katle Lewis* 8/12/10  
Signature Date

Reviewed by: *CG* 8/13/10  
Initials Date

Matrix: Carrier name: STAT Analysis

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 5.4 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by:
- Water - Samples properly preserved? Yes  No  pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

**STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 18, 2010

Brecheisen Engineering, Inc.  
1700 N. North Park Ave.  
Unit 5-B  
Chicago, IL 60614-  
Telephone: (312) 659-0052  
Fax: (312) 640-0115

RE: 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL

STAT Project No 10080337

Dear Tom Brecheisen:

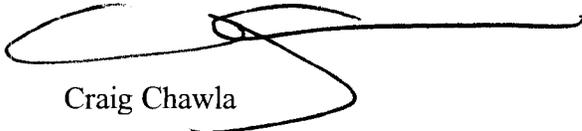
STAT Analysis received 8 samples for the referenced project on 8/11/2010 12:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety unless written approval has been obtained from the laboratory.*

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**Client:** Brecheisen Engineering, Inc.  
**Project:** 10-DOE-0012, 1807-15 N. Kimball, Chicago, IL  
**Lab Order:** 10080337

**Work Order Sample Summary**

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<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
10080337-001A	TMW-1		8/10/2010 4:40:00 PM	8/11/2010
10080337-002A	TMW-2		8/10/2010 5:20:00 PM	8/11/2010
10080337-003A	TMW-3		8/10/2010 5:00:00 PM	8/11/2010
10080337-004A	TMW-1		8/10/2010 4:45:00 PM	8/11/2010
10080337-004B	TMW-1		8/10/2010 4:45:00 PM	8/11/2010
10080337-005A	TMW-2		8/10/2010 5:25:00 PM	8/11/2010
10080337-005B	TMW-2		8/10/2010 5:25:00 PM	8/11/2010
10080337-006A	TMW-3		8/10/2010 5:05:00 PM	8/11/2010
10080337-007A	TMW-2		8/10/2010 5:35:00 PM	8/11/2010
10080337-008A	TMW-3		8/10/2010 5:15:00 PM	8/11/2010

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**CLIENT:** Brecheisen Engineering, Inc.  
**Project:** 10-DOE-0012, 1807-15 N. Kimball, Chicago, I  
**Lab Order:** 10080337

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**CASE NARRATIVE**

The metals LCS (preparation batch 50987) had recovery outside of control limits for Antimony (155% recovery, QC Limits 80-120%).

Sample TMW-2 (10080337-007) had recovery for PNA surrogate 2-Fluorobiphenyl outside of control limits (24% recovery, QC Limits 43-116%). Recoveries for all other surrogates were within control limits.

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-1
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 4:40:00 PM
<b>Lab ID:</b>	10080337-001A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>EJH</b>
Acetone	0.037	0.02		mg/L	1	8/12/2010
Benzene	ND	0.005		mg/L	1	8/12/2010
Bromodichloromethane	ND	0.005		mg/L	1	8/12/2010
Bromoform	ND	0.005		mg/L	1	8/12/2010
Bromomethane	ND	0.01		mg/L	1	8/12/2010
2-Butanone	ND	0.02		mg/L	1	8/12/2010
Carbon disulfide	ND	0.01		mg/L	1	8/12/2010
Carbon tetrachloride	ND	0.005		mg/L	1	8/12/2010
Chlorobenzene	ND	0.005		mg/L	1	8/12/2010
Chloroethane	ND	0.01		mg/L	1	8/12/2010
Chloroform	0.64	0.25		mg/L	50	8/13/2010
Chloromethane	ND	0.01		mg/L	1	8/12/2010
Dibromochloromethane	ND	0.005		mg/L	1	8/12/2010
1,1-Dichloroethane	ND	0.005		mg/L	1	8/12/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	8/12/2010
1,1-Dichloroethene	ND	0.005		mg/L	1	8/12/2010
cis-1,2-Dichloroethene	0.9	0.25		mg/L	50	8/13/2010
trans-1,2-Dichloroethene	0.045	0.005		mg/L	1	8/12/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	8/12/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	8/12/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	8/12/2010
Ethylbenzene	ND	0.005		mg/L	1	8/12/2010
2-Hexanone	ND	0.02		mg/L	1	8/12/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	8/12/2010
Methylene chloride	0.0092	0.005		mg/L	1	8/12/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	8/12/2010
Styrene	ND	0.005		mg/L	1	8/12/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	8/12/2010
Tetrachloroethene	ND	0.005		mg/L	1	8/12/2010
Toluene	0.015	0.005		mg/L	1	8/12/2010
1,1,1-Trichloroethane	ND	0.005		mg/L	1	8/12/2010
1,1,2-Trichloroethane	0.0093	0.005		mg/L	1	8/12/2010
Trichloroethene	4	0.25		mg/L	50	8/13/2010
Vinyl chloride	0.12	0.002		mg/L	1	8/12/2010
Xylenes, Total	ND	0.015		mg/L	1	8/12/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-2
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:20:00 PM
<b>Lab ID:</b>	10080337-002A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: ERP	
Acetone	ND	10		mg/L	500	8/13/2010
Benzene	ND	2.5		mg/L	500	8/13/2010
Bromodichloromethane	ND	2.5		mg/L	500	8/13/2010
Bromoform	ND	2.5		mg/L	500	8/13/2010
Bromomethane	ND	5		mg/L	500	8/13/2010
2-Butanone	ND	10		mg/L	500	8/13/2010
Carbon disulfide	ND	5		mg/L	500	8/13/2010
Carbon tetrachloride	ND	2.5		mg/L	500	8/13/2010
Chlorobenzene	ND	2.5		mg/L	500	8/13/2010
Chloroethane	ND	5		mg/L	500	8/13/2010
Chloroform	ND	2.5		mg/L	500	8/13/2010
Chloromethane	ND	5		mg/L	500	8/13/2010
Dibromochloromethane	ND	2.5		mg/L	500	8/13/2010
1,1-Dichloroethane	ND	2.5		mg/L	500	8/13/2010
1,2-Dichloroethane	ND	2.5		mg/L	500	8/13/2010
1,1-Dichloroethene	ND	2.5		mg/L	500	8/13/2010
cis-1,2-Dichloroethene	120	2.5		mg/L	500	8/13/2010
trans-1,2-Dichloroethene	ND	2.5		mg/L	500	8/13/2010
1,2-Dichloropropane	ND	2.5		mg/L	500	8/13/2010
cis-1,3-Dichloropropene	ND	0.5		mg/L	500	8/13/2010
trans-1,3-Dichloropropene	ND	0.5		mg/L	500	8/13/2010
Ethylbenzene	ND	2.5		mg/L	500	8/13/2010
2-Hexanone	ND	10		mg/L	500	8/13/2010
4-Methyl-2-pentanone	ND	10		mg/L	500	8/13/2010
Methylene chloride	ND	2.5		mg/L	500	8/13/2010
Methyl tert-butyl ether	ND	2.5		mg/L	500	8/13/2010
Styrene	ND	2.5		mg/L	500	8/13/2010
1,1,2,2-Tetrachloroethane	ND	2.5		mg/L	500	8/13/2010
Tetrachloroethene	ND	2.5		mg/L	500	8/13/2010
Toluene	ND	2.5		mg/L	500	8/13/2010
1,1,1-Trichloroethane	ND	2.5		mg/L	500	8/13/2010
1,1,2-Trichloroethane	ND	2.5		mg/L	500	8/13/2010
Trichloroethene	270	25		mg/L	5000	8/17/2010
Vinyl chloride	22	1		mg/L	500	8/13/2010
Xylenes, Total	ND	7.5		mg/L	500	8/13/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-3
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:00:00 PM
<b>Lab ID:</b>	10080337-003A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds by GC/MS</b>	<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: ERP	
Acetone	ND	0.02		mg/L	1	8/13/2010
Benzene	ND	0.005		mg/L	1	8/13/2010
Bromodichloromethane	ND	0.005		mg/L	1	8/13/2010
Bromoform	ND	0.005		mg/L	1	8/13/2010
Bromomethane	ND	0.01		mg/L	1	8/13/2010
2-Butanone	ND	0.02		mg/L	1	8/13/2010
Carbon disulfide	ND	0.01		mg/L	1	8/13/2010
Carbon tetrachloride	ND	0.005		mg/L	1	8/13/2010
Chlorobenzene	ND	0.005		mg/L	1	8/13/2010
Chloroethane	ND	0.01		mg/L	1	8/13/2010
Chloroform	ND	0.005		mg/L	1	8/13/2010
Chloromethane	ND	0.01		mg/L	1	8/13/2010
Dibromochloromethane	ND	0.005		mg/L	1	8/13/2010
1,1-Dichloroethane	ND	0.005		mg/L	1	8/13/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	8/13/2010
1,1-Dichloroethene	ND	0.005		mg/L	1	8/13/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	8/13/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	8/13/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	8/13/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	8/13/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	8/13/2010
Ethylbenzene	ND	0.005		mg/L	1	8/13/2010
2-Hexanone	ND	0.02		mg/L	1	8/13/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	8/13/2010
Methylene chloride	ND	0.005		mg/L	1	8/13/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	8/13/2010
Styrene	ND	0.005		mg/L	1	8/13/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	8/13/2010
Tetrachloroethene	ND	0.005		mg/L	1	8/13/2010
Toluene	ND	0.005		mg/L	1	8/13/2010
1,1,1-Trichloroethane	ND	0.005		mg/L	1	8/13/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	8/13/2010
Trichloroethene	0.0056	0.005		mg/L	1	8/13/2010
Vinyl chloride	ND	0.002		mg/L	1	8/13/2010
Xylenes, Total	ND	0.015		mg/L	1	8/13/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-1
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 4:45:00 PM
<b>Lab ID:</b>	10080337-004A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7470A</b>				Prep Date: <b>8/12/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.0002		mg/L	1	8/12/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3005A)</b>				Prep Date: <b>8/16/2010</b>	Analyst: <b>JG</b>
Aluminum	0.47	0.04		mg/L	2	8/16/2010
Antimony	ND	0.006		mg/L	2	8/16/2010
Arsenic	ND	0.004		mg/L	2	8/16/2010
Barium	0.073	0.004		mg/L	2	8/16/2010
Beryllium	ND	0.002		mg/L	2	8/16/2010
Cadmium	ND	0.002		mg/L	2	8/16/2010
Calcium	160	0.5		mg/L	5	8/17/2010
Chromium	ND	0.004		mg/L	2	8/16/2010
Cobalt	ND	0.004		mg/L	2	8/16/2010
Copper	ND	0.01		mg/L	2	8/16/2010
Iron	1.4	0.1		mg/L	2	8/16/2010
Lead	0.0032	0.002		mg/L	2	8/16/2010
Magnesium	61	0.1		mg/L	2	8/16/2010
Manganese	0.087	0.004		mg/L	2	8/16/2010
Nickel	0.0055	0.004		mg/L	2	8/16/2010
Potassium	14	0.1		mg/L	2	8/16/2010
Selenium	ND	0.004		mg/L	2	8/16/2010
Silver	ND	0.004		mg/L	2	8/16/2010
Sodium	86	0.25		mg/L	5	8/17/2010
Thallium	ND	0.004		mg/L	2	8/16/2010
Vanadium	ND	0.004		mg/L	2	8/16/2010
Zinc	ND	0.02		mg/L	2	8/16/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-1
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 4:45:00 PM
<b>Lab ID:</b>	10080337-004B	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Cyanide, Total</b>	<b>SW9012A</b>				Prep Date: <b>8/14/2010</b>	Analyst: <b>BPJ</b>
Cyanide	ND	0.005		mg/L	1	8/14/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-2
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:25:00 PM
<b>Lab ID:</b>	10080337-005A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7470A</b>					Prep Date: <b>8/12/2010</b> Analyst: <b>LB</b>
Mercury	ND	0.0002		mg/L	1	8/12/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3005A)</b>					Prep Date: <b>8/16/2010</b> Analyst: <b>JG</b>
Aluminum	0.37	0.1		mg/L	5	8/17/2010
Antimony	0.0064	0.006		mg/L	2	8/16/2010
Arsenic	ND	0.004		mg/L	2	8/16/2010
Barium	0.093	0.004		mg/L	2	8/16/2010
Beryllium	ND	0.002		mg/L	2	8/16/2010
Cadmium	ND	0.002		mg/L	2	8/16/2010
Calcium	190	0.5		mg/L	5	8/17/2010
Chromium	ND	0.004		mg/L	2	8/16/2010
Cobalt	ND	0.004		mg/L	2	8/16/2010
Copper	ND	0.01		mg/L	2	8/16/2010
Iron	1.5	0.1		mg/L	2	8/16/2010
Lead	0.0025	0.002		mg/L	2	8/16/2010
Magnesium	110	0.1		mg/L	2	8/16/2010
Manganese	0.8	0.004		mg/L	2	8/16/2010
Nickel	ND	0.004		mg/L	2	8/16/2010
Potassium	14	0.1		mg/L	2	8/16/2010
Selenium	ND	0.004		mg/L	2	8/16/2010
Silver	ND	0.004		mg/L	2	8/16/2010
Sodium	290	5		mg/L	100	8/17/2010
Thallium	ND	0.004		mg/L	2	8/16/2010
Vanadium	ND	0.004		mg/L	2	8/16/2010
Zinc	ND	0.02		mg/L	2	8/16/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-2
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:25:00 PM
<b>Lab ID:</b>	10080337-005B	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Cyanide, Total</b>	<b>SW9012A</b>				Prep Date: <b>8/14/2010</b>	Analyst: <b>BPJ</b>
Cyanide	ND	0.005		mg/L	1	8/14/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-3
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:05:00 PM
<b>Lab ID:</b>	10080337-006A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Mercury</b>	<b>SW7470A</b>				Prep Date: <b>8/12/2010</b>	Analyst: <b>LB</b>
Mercury	ND	0.0002		mg/L	1	8/12/2010
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3005A)</b>				Prep Date: <b>8/16/2010</b>	Analyst: <b>JG</b>
Arsenic	ND	0.004		mg/L	2	8/16/2010
Barium	0.098	0.004		mg/L	2	8/16/2010
Cadmium	ND	0.002		mg/L	2	8/16/2010
Chromium	ND	0.004		mg/L	2	8/16/2010
Lead	0.0025	0.002		mg/L	2	8/16/2010
Selenium	ND	0.004		mg/L	2	8/16/2010
Silver	ND	0.004		mg/L	2	8/16/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-2
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:35:00 PM
<b>Lab ID:</b>	10080337-007A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C-SIM (SW3510C)		Prep Date: 8/13/2010	Analyst: VS	
Acenaphthene	ND	0.001	mg/L	1	8/18/2010
Acenaphthylene	ND	0.001	mg/L	1	8/18/2010
Anthracene	ND	0.001	mg/L	1	8/18/2010
Benz(a)anthracene	0.00011	0.0001	mg/L	1	8/18/2010
Benzo(a)pyrene	ND	0.0001	mg/L	1	8/18/2010
Benzo(b)fluoranthene	ND	0.0001	mg/L	1	8/18/2010
Benzo(g,h,i)perylene	ND	0.001	mg/L	1	8/18/2010
Benzo(k)fluoranthene	ND	0.0001	mg/L	1	8/18/2010
Chrysene	0.00031	0.0001	mg/L	1	8/18/2010
Dibenz(a,h)anthracene	ND	0.0001	mg/L	1	8/18/2010
Fluoranthene	ND	0.001	mg/L	1	8/18/2010
Fluorene	ND	0.001	mg/L	1	8/18/2010
Indeno(1,2,3-cd)pyrene	ND	0.0001	mg/L	1	8/18/2010
Naphthalene	ND	0.001	mg/L	1	8/18/2010
Phenanthrene	ND	0.001	mg/L	1	8/18/2010
Pyrene	ND	0.001	mg/L	1	8/18/2010
Carbazole	0.00022	0.0001	mg/L	1	8/18/2010
2,4-Dinitrotoluene	ND	0.0001	mg/L	1	8/18/2010
2,6-Dinitrotoluene	ND	0.0001	mg/L	1	8/18/2010
N-Nitrosodi-n-propylamine	ND	0.0001	mg/L	1	8/18/2010
Nitrobenzene	ND	0.001	mg/L	1	8/18/2010
Pentachlorophenol	ND	0.0001	mg/L	1	8/18/2010

Semivolatile Organic Compounds by GC/MS	SW8270C (SW3510C)		Prep Date: 8/13/2010	Analyst: DM	
Aniline	ND	0.005	mg/L	1	8/17/2010
Benzidine	ND	0.005	mg/L	1	8/17/2010
Benzoic acid	ND	0.025	mg/L	1	8/17/2010
Benzyl alcohol	ND	0.005	mg/L	1	8/17/2010
Bis(2-chloroethoxy)methane	ND	0.005	mg/L	1	8/17/2010
Bis(2-chloroethyl)ether	ND	0.005	mg/L	1	8/17/2010
Bis(2-ethylhexyl)phthalate	ND	0.005	mg/L	1	8/17/2010
4-Bromophenyl phenyl ether	ND	0.005	mg/L	1	8/17/2010
Butyl benzyl phthalate	ND	0.005	mg/L	1	8/17/2010
4-Chloroaniline	ND	0.005	mg/L	1	8/17/2010
4-Chloro-3-methylphenol	ND	0.005	mg/L	1	8/17/2010
2-Chloronaphthalene	ND	0.005	mg/L	1	8/17/2010
2-Chlorophenol	ND	0.005	mg/L	1	8/17/2010
4-Chlorophenyl phenyl ether	ND	0.005	mg/L	1	8/17/2010
Dibenzofuran	ND	0.005	mg/L	1	8/17/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-2
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:35:00 PM
<b>Lab ID:</b>	10080337-007A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Semivolatile Organic Compounds by GC/MS</b>	<b>SW8270C (SW3510C)</b>		Prep Date: <b>8/13/2010</b>		Analyst: <b>DM</b>	
1,2-Dichlorobenzene	ND	0.005		mg/L	1	8/17/2010
1,3-Dichlorobenzene	ND	0.005		mg/L	1	8/17/2010
1,4-Dichlorobenzene	ND	0.005		mg/L	1	8/17/2010
3,3'-Dichlorobenzidine	ND	0.01		mg/L	1	8/17/2010
2,4-Dichlorophenol	ND	0.005		mg/L	1	8/17/2010
Diethyl phthalate	ND	0.005		mg/L	1	8/17/2010
2,4-Dimethylphenol	ND	0.005		mg/L	1	8/17/2010
Dimethyl phthalate	ND	0.005		mg/L	1	8/17/2010
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	8/17/2010
2,4-Dinitrophenol	ND	0.025		mg/L	1	8/17/2010
Di-n-butyl phthalate	ND	0.005		mg/L	1	8/17/2010
Di-n-octyl phthalate	ND	0.005		mg/L	1	8/17/2010
Hexachlorobenzene	ND	0.005		mg/L	1	8/17/2010
Hexachlorobutadiene	ND	0.005		mg/L	1	8/17/2010
Hexachlorocyclopentadiene	ND	0.005		mg/L	1	8/17/2010
Hexachloroethane	ND	0.005		mg/L	1	8/17/2010
Isophorone	ND	0.005		mg/L	1	8/17/2010
2-Methylnaphthalene	ND	0.005		mg/L	1	8/17/2010
2-Methylphenol	ND	0.005		mg/L	1	8/17/2010
4-Methylphenol	ND	0.005		mg/L	1	8/17/2010
2-Nitroaniline	ND	0.025		mg/L	1	8/17/2010
3-Nitroaniline	ND	0.025		mg/L	1	8/17/2010
4-Nitroaniline	ND	0.025		mg/L	1	8/17/2010
2-Nitrophenol	ND	0.005		mg/L	1	8/17/2010
4-Nitrophenol	ND	0.025		mg/L	1	8/17/2010
N-Nitrosodimethylamine	ND	0.005		mg/L	1	8/17/2010
N-Nitrosodiphenylamine	ND	0.005		mg/L	1	8/17/2010
2, 2'-oxybis(1-Chloropropane)	ND	0.005		mg/L	1	8/17/2010
Phenol	ND	0.005		mg/L	1	8/17/2010
Pyridine	0.014	0.005		mg/L	1	8/17/2010
1,2,4-Trichlorobenzene	ND	0.005		mg/L	1	8/17/2010
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	8/17/2010
2,4,6-Trichlorophenol	ND	0.005		mg/L	1	8/17/2010

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Report Date: August 18, 2010

Print Date: August 18, 2010

<b>Client:</b>	Brecheisen Engineering, Inc.	<b>Client Sample ID:</b>	TMW-3
<b>Lab Order:</b>	10080337	<b>Tag Number:</b>	
<b>Project:</b>	10-DOE-0012, 1807-15 N. Kimball, Chicago, IL	<b>Collection Date:</b>	8/10/2010 5:15:00 PM
<b>Lab ID:</b>	10080337-008A	<b>Matrix:</b>	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Polynuclear Aromatic Hydrocarbons</b>						
			<b>SW8270C-SIM (SW3510C)</b>			
					Prep Date: 8/13/2010	Analyst: VS
Acenaphthene	ND	0.001		mg/L	1	8/18/2010
Acenaphthylene	ND	0.001		mg/L	1	8/18/2010
Anthracene	ND	0.001		mg/L	1	8/18/2010
Benz(a)anthracene	ND	0.0001		mg/L	1	8/18/2010
Benzo(a)pyrene	ND	0.0001		mg/L	1	8/18/2010
Benzo(b)fluoranthene	ND	0.0001		mg/L	1	8/18/2010
Benzo(g,h,i)perylene	ND	0.001		mg/L	1	8/18/2010
Benzo(k)fluoranthene	ND	0.0001		mg/L	1	8/18/2010
Chrysene	ND	0.0001		mg/L	1	8/18/2010
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	8/18/2010
Fluoranthene	ND	0.001		mg/L	1	8/18/2010
Fluorene	ND	0.001		mg/L	1	8/18/2010
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	8/18/2010
Naphthalene	ND	0.001		mg/L	1	8/18/2010
Phenanthrene	ND	0.001		mg/L	1	8/18/2010
Pyrene	ND	0.001		mg/L	1	8/18/2010

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
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**CHAIN OF CUSTODY RECORD**

**Nº: 832879**

Page: 1 of 1

Company: Brecht Breitenberg Engineering, Inc.  
 Project Number: 10-DEC-0612 Client Tracking No.:  
 Project Name: 1807-15 N. Kimball  
 Project Location: Chicago, IL  
 Sampler(s): Tom Brechtisen  
 Report To: Tom Brechtisen Phone: 312-640-1648  
 Fax: 312-640-0115  
 QC Level: 1 2 3 4 e-mail: tom@brechtbco.com

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers
TMW-1	8-10-10	16:40	W	✓	✓	E	3
TMW-2	8-10-10	17:20	W	✓	✓	E	3
TMW-3	8-10-10	17:00	W	✓	✓	E	3
TMW-1	8-10-10	16:45	W	✓	✓	B,C	2
TMW-2	8-10-10	17:25	W	✓	✓	B,C	2
TMW-3	8-10-10	17:05	W	✓	✓	B	1
TMW-2	8-10-10	17:35	W	✓	✓	A	1
TMW-3	8-10-10	17:15	W	✓	✓	A	1

Remarks	Lab No.:
	001
	002
	003
	004
	005
	006
	007
	008

Relinquished by: (Signature) Tom A. Bushman Date/Time: 8-11-10 11:25  
 Received by: (Signature) KW Sumbay Date/Time: 8/11/10 11:25  
 Relinquished by: (Signature) Tom Brechtisen Date/Time: 8/11/10 12:00  
 Received by: (Signature) Tom Brechtisen Date/Time: 8/11/10 12:00  
 Relinquished by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: Analyses must meet MDLs specified in 3517c 742

Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH  
 D = H<sub>2</sub>SO<sub>4</sub> E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 10080337  
 Received on Ice: Yes  No   
 Temperature: 4.3 °C

**Sample Receipt Checklist**

Client Name BEI

Date and Time Received: 8/11/2010 12:00:00 PM

Work Order Number 10080337

Received by: CIG

Checklist completed by: [Signature] 8/11/10  
Signature Date

Reviewed by: [Signature] 8/12/10  
Initials Date

Matrix: Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels/containers? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container or Temp Blank temperature in compliance? Yes  No  Temperature 4.3 °C
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - Samples pH checked? Yes  No  Checked by: CIG
- Water - Samples properly preserved? Yes  No  pH Adjusted? No

Any No response must be detailed in the comments section below.

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Comments:

.....

.....

.....

Client / Person contacted:

Date contacted:

Contacted by:

Response:

.....